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# North Georgia College



The Senior Military College of Georgia

A Unit of The University System of Georgia

# NOTICE OF RESPONSIBILITIES

## Institutional

1. North Georgia College does not discriminate on the basis of handicap in violation of Section 504 of the Rehabilitation Act of 1973. This nondiscrimination policy applies to admission or access to, or treatment, or employment in, its programs and activities.
2. No person shall, on the ground of sex, age, creed, race, national origin, or handicap, be excluded from participation in or be denied the benefits of, or subject to discrimination under any program or activity conducted by North Georgia College.
3. North Georgia College is an affirmative action/equal opportunity institution.

## Student

1. It is important that each student note that it is his/her responsibility to keep himself/herself apprised of current graduation requirements for his/her particular degree program.

The statements set forth in this catalog are for informational purposes only and should not be construed as the basis of a contract between a student and North Georgia College. The College reserves the right to change any provision listed in this catalog, including, but not limited to academic requirements for graduation, without actual notice to individual students.

2. It is important that each student satisfy his/her financial obligations to North Georgia College. The College reserves and intends to exercise its right to withhold copies of educational records and/or to disenroll students who owe money to the College.

Second Biennial Edition  
One Hundred and Sixth Bulletin Issue



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This Bulletin is your guide to North Georgia College. Pages 1 through 59 contain general information applicable to all students. The remainder of the book contains information about particular areas of study.

For clarification of/or additional information about any part of this book, please contact the Director of Admissions, North Georgia College, Dahlonega, Georgia, 30597 or 404-864-3391.



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# CALENDAR 1981-82

## FALL QUARTER, 1981

September 16-18 (Wednesday, Thursday, Friday)	Orientation (INTRO)
September 18-22 (Friday, Saturday, Sunday, Monday, Tuesday)	Military Orientation
September 21 (Monday)	Student Advisement
September 22 (Tuesday)	Late Registration
September 23 (Wednesday)	First Day of Classes
September 25 (Friday)	Final Day for Changing Schedules
October 27 (Tuesday)	Last Day for Drop With W
October 28 (Wednesday)	Mid-Term Grade Reports Due
November 26-27 (Thursday-Friday)	Thanksgiving Recess*
December 7-9 (Monday, Tuesday, Wednesday)	Examinations
December 10 (Thursday)	Final Grade Reports Due

\*Thanksgiving recess begins at 12:00 Noon.

## WINTER QUARTER, 1982

January 4 (Monday) (1:00-5:00 p.m.)	Student Advisement
January 5 (Tuesday)	Late Registration/First Day of Classes
January 7 (Thursday)	Final Day for Changing Schedules
February 4 (Thursday)	Last Day for Drop With W
February 5 (Friday)	Mid-Term Grade Reports Due
March 13, 15, 16 (Saturday, Monday, Tuesday)	Examinations
March 17 (Wednesday)	Final Grade Reports Due

## SPRING QUARTER, 1982

March 24 (Wednesday)	Late Registration/First Day of Classes
March 26 (Friday)	Final Day for Changing Schedules
April 22 (Thursday)	Last Day for Drop With W
April 23 (Friday)	Mid-Term Grade Reports Due
May 30 (Sunday)	Commencement
June 2, 3, 4 (Wednesday, Thursday, Friday)	Examinations
June 7 (Monday)	Final Grade Reports Due

## SUMMER QUARTER, 1982

June 16 (Wednesday)	Late Registration
June 17 (Thursday)	First Day of Classes
June 21 (Monday)	Final Day for Changing Schedules
July 2 (Friday)	Independence Day Recess
July 15 (Thursday)	Last Day for Drop With W
July 16 (Friday)	Mid-Term Grade Reports Due
August 10, 11, 12 (Tuesday, Wednesday, Thursday)	Examinations
August 13 (Friday)	Final Grade Reports Due

# CALENDAR 1982-83

## FALL QUARTER, 1982

September 15, 16, 17 (Wednesday, Thursday, Friday) .....	Orientation (INTRO)
September 17-21 (Friday-Tuesday) .....	Military Orientation
September 20 (Monday) .....	Student Advisement
September 21 (Tuesday) .....	Late Registration
September 22 (Wednesday) .....	First Day of Classes
September 24 (Friday) .....	Final Day for Changing Schedules
October 26 (Tuesday) .....	Last Day for Drop With W
October 27 (Wednesday) .....	Mid-Term Grade Reports Due
November 25-26 (Thursday-Friday) .....	Thanksgiving Recess*
December 6-8 (Monday, Tuesday, Wednesday) .....	Examinations
December 9 (Thursday) .....	Final Grade Reports Due

\*Thanksgiving Recess begins at 12:00 Noon.

## WINTER QUARTER, 1983

January 3 (Monday) (1:00-5:00 p.m.) .....	Student Advisement
January 4 (Tuesday) .....	Late Registration/First Day of Classes
January 6 (Thursday) .....	Final Day for Changing Schedules
February 3 (Thursday) .....	Last Day for Drop With W
February 4 (Friday) .....	Mid-Term Grade Reports Due
March 12, 14, 15 (Saturday, Monday, Tuesday) .....	Examinations
March 16 (Wednesday) .....	Final Grade Reports Due

## SPRING QUARTER, 1983

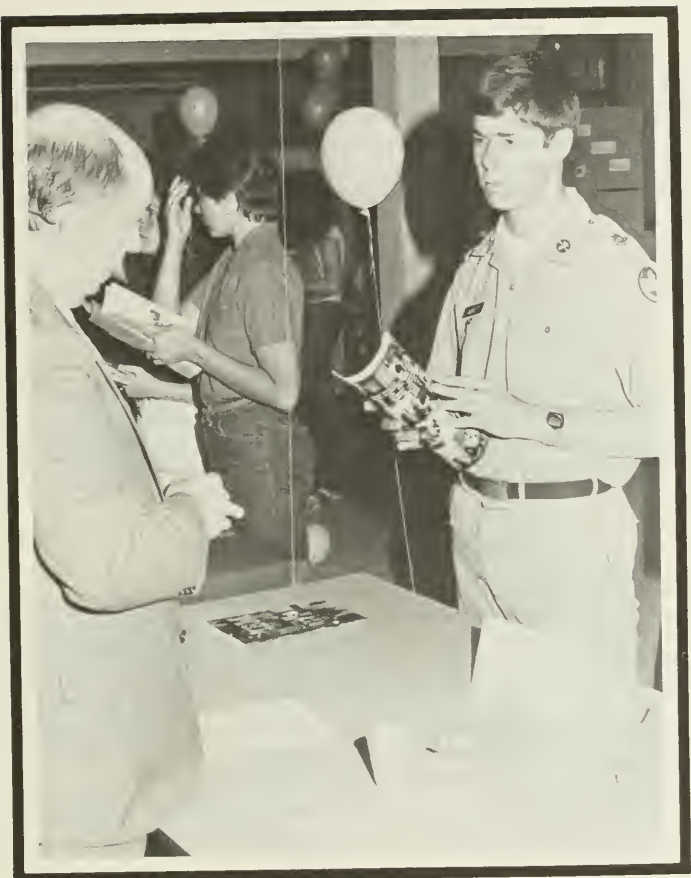
March 23 (Wednesday) .....	Late Registration/First Day of Classes
March 25 (Friday) .....	Final Day for Changing Schedules
April 21 (Thursday) .....	Last Day for Drop With W
April 22 (Friday) .....	Mid-Term Grade Reports Due
May 29 (Sunday) .....	Commencement
June 1-3 (Wednesday-Friday) .....	Examinations
June 6 (Monday) .....	Final Grade Reports Due

## SUMMER QUARTER, 1983

June 15 (Wednesday) .....	Late Registration
June 16 (Thursday) .....	First Day of Classes
June 20 (Monday) .....	Final Day for Changing Schedules
July 4 (Monday) .....	Independence Day Recess
July 14 (Thursday) .....	Last Day for Drop With W
July 15 (Friday) .....	Mid-Term Grade Reports Due
August 10-12 (Wednesday-Friday) .....	Examinations
August 15 (Monday) .....	Final Grade Reports Due



# INTRODUCTION



# INTRODUCTION TO NORTH GEORGIA COLLEGE

North Georgia College was founded in 1873 as a liberal arts college for men and women. It is a state supported senior unit of the University System of Georgia under the direction of the State Board of Regents. It is located in Dahlonega, Georgia, on the site of the original U.S. Government Gold Mint. Dahlonega, a town of about 3,000 people, is located in the foothills of the beautiful Blue Ridge Mountains—70 miles and 1½ hours north of Atlanta via U.S. 19, or I-85 and Georgia 60 through Gainesville.

The undergraduate student enrollment at North Georgia College is approximately 1,600, placing it in a medium size range with 80% of the students living in dormitories. The college is small enough for the individual to stand apart and be identified by the faculty and other students, yet with enough size to make varied and diversified programs possible. Being a state school, the majority of the students have graduated from Georgia high schools, but graduates from many different high schools from across the nation and around the world are also enrolled.

## CO-EDUCATIONAL NATURE

From its founding in 1873, North Georgia College has been co-educational. The majority of the women students are not involved in the military program, but they constitute approximately one half of the total student enrollment. Women students may, however, participate in the ROTC program, and all undergraduate, male students living on campus must participate.

## STATEMENT OF PURPOSE

The purpose of North Georgia College is to provide an academically sound liberal arts education for all its students while at the same time providing its students an opportunity for preparation for a military career. It further recognizes that the vocational and professional needs of its students are best served on the senior college level through specialized programs of study built around a well-developed general education program.

In conjunction with the academic program, the College is designated as a Military College by the Department of the Army, and through its Military training program promotes the development of leaders for community, state, and national service.

Consistent with the foregoing, North Georgia College aspires more specifically:

- to stimulate and develop intelligent citizens for responsible leadership in society by providing an environment conducive to learning;
- to encourage investigation and research to enable students to succeed in graduate and professional study;
- to provide for and encourage the development of moral, social, cultural, physical and aesthetic appreciations as they relate and contribute to the total development of the individual;
- to provide sound semi-professional and professional programs for developing men and women with the capacity to satisfy their material needs through gainful employment;
- to serve and to be responsive to the needs of the community by the extension of educational services, through the development of cultural activities and by sharing of professional expertise for community benefit;
- to encourage among the faculty the maintenance of a high level of scholarship, an interest in research and a continuing concern for the role of higher education in the betterment of society.



## UNIVERSITY SYSTEM OF GEORGIA

All state-supported institutions of higher learning in Georgia were combined into the greater University System of Georgia by legislative enactment at the regular session of the General Assembly in 1931. Under the articles of the Act, all existent boards of trustees were abolished and control of the System was vested in a Board of Regents with all the powers and rights of the former governing boards of the several institutions. Control of the System by the Board of Regents became effective January 1, 1932.

On January 18, 1950, the Board of Regents reaffirmed the position of North Georgia College as a senior unit of the University System by passing a resolution which reads in part as follows: "*The North Georgia College at Dahlonega shall be continued as a college of arts and sciences at the bachelor's level and as the one institution in the Georgia System distinguished by its essentially military organization for men.*" This resolution remains unchanged.

## ACCREDITATION

North Georgia College, as a senior member of the University System of Georgia, is a fully accredited member of the Association of American Colleges and Schools, the Association of Military Colleges and Schools, the Southern Association of Colleges, and the Association of Georgia Colleges. Its work in the field of education is recognized and accredited by the National Council for Accreditation of Teacher Education (NCATE) and the Georgia State Department of Education. The quality of the training offered in all departments has long enjoyed national recognition. A significant number of its graduates attend graduate and professional schools; and just as significantly, perhaps, is the fact that many of its military graduates, as they move into active service, go to military graduate school.

## LIBRARY SERVICES

Stewart Library, completed in 1971, has over 100,000 volumes in its shelves and more than 155,000 unites of microtext (including the NEW YORK TIMES from 1932 to date). Subscriptions are maintained to more than one thousand periodicals.

Reference services include interlibrary loans, access to the Southeastern Regional Medical Library Program (SERMLP), and computer searches through the Georgia Information Dissemination Center (GIDC). Stewart Library, also, serves as a Selective U.S. Government Depository for this area.

Conference, typing, and microtext viewing rooms are available as are carrels for stereo listening. Circulated materials include books, audio-visual equipment, filmstrips, films, musical recordings, clipping, and pamphlet files.

All facilities and services are provided a minimum of eighty one (81) hours each week of the regular academic year. Library orientation film and/or tours are furnished on request to individuals and groups.



# ACADEMIC PROGRAMS



# ACADEMIC PROGRAMS

North Georgia College offers a varied program of studies leading to the A.B., B.S., B.B.A., B.S.W. (Social Work), or M.Ed. Degree. Prior to specializing for the Degree, North Georgia provides a two-year basic curriculum in general education. This program includes English, Fine Arts, Modern Languages, Mathematics, Science, Social Sciences, Physical Education, and introductory courses related to various academic majors.

## BACHELOR OF ARTS (B.A.)

The Bachelor of Arts Degree is offered in Craft Design, English, French, History, Mathematics, Political Science, Psychology and Sociology.

## BACHELOR OF SCIENCE (B.S.)

The Bachelor of Science Degree is offered in Art Education, Biology, Business Education, Chemistry, Criminal Justice, Education (Early Childhood, Middle Grades, and Special Education), Mathematics, Music Education, Physical Education, Physics, Political Science, Psychology, Recreation, Social Sciences and Sociology.

## BACHELOR OF BUSINESS ADMINISTRATION (B.B.A.)

The Bachelor of Business Administration degree is offered in Accounting, Economics, Finance, Management, Marketing, and Secretarial and Office Administration.

## BACHELOR OF SOCIAL WORK (B.S.W.)

The Bachelor of Social Work Degree is offered with fields of concentration in General Social Work, Gerontology and Rehabilitation. The college also offers in-service training for people employed in social agencies.

## MASTER OF EDUCATION (M.Ed.)

North Georgia College offers the Master of Education Degree in Early Childhood Education, Elementary Education, Middle Grades Education, Special Education (Mental Retardation, Interrelated, and Learning Disabilities), and Secondary Education (Art, Behavioral Science, Business, Mathematics, Physical Education, Science, and Social Science).

Those interested in securing catalog information concerning graduate studies should write

Director of Graduate Study  
North Georgia College  
Dahlonega, Georgia 30597

## ASSOCIATE OF SCIENCE DEGREE

North Georgia College offers a variety of special programs leading to the Associate of Science Degree for those students who do not wish to pursue a Bachelor's Degree.

Those programs marked with an asterisk (\*) are taught through a cooperative arrangement with the Pickens Area Vocational-Technical School, Jasper, Georgia. In this cooperative program, students take basic education courses offered by the North Georgia faculty while pursuing technical-vocational training at the Pickens Area Vocational-Technical School. Those who complete dual programs receive the Associate of Science Degree. The programs in secretarial science, accounting, and data processing will be supervised by the

North Georgia College Department of Business Administration, and the programs in electronic technology, drafting, and design technology will be supervised by the Department of Physics.

Accounting\*  
Data Processing\*  
Design Technology\*

Drafting\*  
Electronic Technology\*  
Secretarial Science\*

The Associate Degree in Secretarial Science is offered both as a part of the cooperative program with the Pickens Area Vocational-Technical School and the regular offerings of the Department of Business Administration. Additionally, the college also offers a one year program in Secretarial Science.

Should an individual decide to pursue further studies, credit earned in these programs may be applied toward a baccalaureate degree in the appropriate fields. Students are referred to the respective supervisory departments for more information.

## **ASSOCIATE DEGREE IN NURSING**

A two-year training program leads to the Associate of Science Degree in Nursing. Academic instruction is given on the campus of North Georgia College, while clinical training is given in hospitals and nursing homes in the North Georgia area.

## **GOVERNOR'S INTERN PROGRAM**

North Georgia College cooperates fully with the Governor's Intern Program creating opportunities for students to be actively involved in specific projects in public agencies. Interns work within state and local agencies for a full quarter and may receive up to fifteen hours of academic credit for the intern experience. The course number 485 has been reserved for intern courses, and credit may be given in any department in the college with the permission of the department head and the Dean. Application forms for this program are available in the Office of the Dean.

## **TEACHER CERTIFICATION**

Teacher education students are certified through the State Department of Education. North Georgia College prepares students for certification through approved programs in Early Childhood Education, Elementary Education, Middle Grades Education, Special Education, Art Education, Health and Physical Education, Music Education, and at the Secondary level in Behavioral Science—Biology, Business Education, Chemistry, English, French, History, Mathematics, Physics, Political Science, Psychology, and Sociology.

## **DUAL DEGREE PROGRAM WITH GEORGIA TECH**

North Georgia College in cooperation with the Georgia Institute of Technology offers programs leading to a Degree at Georgia Tech. The program offers students the opportunity to attend North Georgia College for approximately three years before embarking on professional academic work at Georgia Tech for an additional two years. At the end of this sequence, the student may receive the Bachelor's Degree from North Georgia College and an appropriate engineering or graduate degree from Georgia Tech. These programs are offered by the Departments of Business Administration, Chemistry, Mathematics, and Physics.

## **PRE-PROFESSIONAL STUDY**

In addition to Bachelor Degree Programs, the college offers pre-professional study in the following areas: Pre-law, Pre-medical Technology and a variety of two-year pre-professional programs in areas of Allied Health.



## **CONTINUING EDUCATION—PUBLIC SERVICE**

Accepting a statewide commitment of the University System, North Georgia College initiated its public service-continuing education program in 1971. The college campus is available to various non-college related groups for meetings and activities during the year, and the college itself sponsors other programs for special groups or the public-at-large.

A non-credit short course program is offered quarterly, and the number and nature of courses are based on student demand. Students who satisfactorily complete some courses are credited with Continuing Education Units (CEU's), the measure of participation. A record of this participation is kept in the Registrar's Office. Generally, the courses meet in the evening.

This program concentrates on courses of practical, personal benefit to the student and includes subjects with a vocational and avocational application. The purpose of these activities is to allow full accessibility to North Georgia College to the general public.

## **ACADEMIC YEAR**

North Georgia College operates on a four-quarter system (Fall, Winter, Spring, and Summer). The summer quarter differs from the others only in the nature of the work offered, taking into account the needs of teachers in service and others who need specialized work. Freshmen may enter any quarter. Almost all required freshman and sophomore subjects are offered every quarter.

## **INTERCOLLEGIATE AND INTRAMURAL SPORTS PROGRAM**

The college considers physical fitness vital to a completely satisfactory college life. Provisions are made to include the maximum number of students in the maximum number of activities throughout the entire year. Intercollegiate teams are fielded annually in men's and women's basketball and tennis; men's soccer; women's volleyball, women's softball, and rifle marksmanship, which is open to both sexes.

The Intramural Sports Program is a comprehensive and traditional part of the North Georgia campus activities. It involves most of our men and women students. Among the more popular activities are tackle football, volleyball, tennis, basketball, table tennis, track and field, softball, badminton and rifle marksmanship.

# MILITARY PROGRAM



# THE MILITARY PROGRAM

## HISTORY

From the time of its founding in 1873, North Georgia College has been a military institution dedicated to these propositions:

- a. The freedom and security which each of us as citizens of the United States enjoys can continue only so long as our country remains secure and prosperous.
- b. With the rights and privileges of citizenship, each individual assumes certain responsibilities, and among these is an obligation to be prepared to serve in the defense of the United States if needed.
- c. Our national security requires the support of a dedicated military establishment, which, in turn, requires a continuing source of officers who have the intellectual, moral and physical attributes to perform effectively in a wide variety of leadership, management and administrative positions.
- d. Military instruction and training, through emphasis on cooperation, responsiveness, loyalty, appearance, self-confidence, and personal responsibility, provides valuable preparation for the successful pursuit of all careers, military or civilian.

The record of North Georgia College as a military institution has been distinguished through the years. Graduates of the college enjoy a prestigious reputation established by their predecessors in civilian life and the military service.

## CURRENT STATUS

North Georgia College is one of only four senior colleges in the United States classified as a Military College (MC) by Department of the Army. In accordance with the criteria for Military Colleges, North Georgia College requires that:

- a. All male resident students become members of the Corps of Cadets, a military type organization with a proud history.
- b. All members of the Corps wear the distinctive uniform and participate in the military program provided at the college.
- c. Members of the Corps abide by regulations, similar to those maintained by the service academies, which establish high standards for personal conduct and appearance, protect the rights of each cadet, and engender a strong sense of personal responsibility and self discipline.

## WOMEN IN ROTC

Women students may participate in the ROTC Program and may advance to a commission in the Regular Army or U.S. Army Reserve. Those women who select to participate are required to become members of the Corps of Cadets. Women cadets are organized into the Women's Detachment, which is housed in a section of the women's dormitories. Women cadets participate in Military Science classes and training with the male cadets. All rules and regulations pertaining to the male members of the Corps of Cadets are equally applied to the women in the Corps.

## MILITARY INSTRUCTION

Formal military instruction is conducted by the Department of Military Science. This department is staffed with well qualified personnel by Department of the Army to conduct



military science instruction in the classroom and during leadership laboratory periods. Detailed information on military science courses is provided in the section devoted to course offerings by academic departments. Graduation of resident male students from North Georgia College includes the requirement for successful completion of 18 hours of Military Science instruction unless exempted by the Dean of the College upon the recommendation of the Professor of Military Science. For the fulfillment of this requirement, all male students living in college residence halls, including those transferring in from other institutions, are required to successfully complete a Military Science class each quarter.

### OPPORTUNITY FOR COMMISSION AS AN ARMY OFFICER

Every physically qualified student has the opportunity to compete for a commission as an officer in either the Regular Army or the US Army Reserve through the Reserve Officer Training Corps (ROTC) program. Although all male resident students must participate in the military program, including classroom courses in military science for academic credit, earning a commission is both voluntary on the part of the individual and selective by Department of the Army

Men and women students who desire to earn a commission and who are accepted in the the ROTC program are placed on contract with the Army, normally at the beginning of the junior year. In return for agreeing to serve on active duty as an officer for three years if needed, the student on contract receives a non-taxable allowance of \$100.00 per month for up to twenty months while in college. Contract students attend a six-weeks ROTC summer camp between the junior and senior years of college. The student is reimbursed for travel expenses to and from the camp and is paid during the camp period at one-half the current rate of Second Lieutenants in the Army

ROTC contract students may apply to be commissioned in the Regular Army at graduation under two programs. One is the ROTC scholarship program. All students on ROTC Scholarship have the opportunity to apply for competitive selection for the Regular Army commis-



sion. Secondly, each year The Department of the Army authorizes the selection of a number of outstanding senior students to be designated Distinguished Military Students (DMS). Students so chosen must be on contract to earn a commission, be in the upper half of their class academically, stand in the upper third in military science studies, and demonstrate outstanding potential for service as an officer. Students designated DMS may apply for competitive selection for the Regular Army commission.

## THE CORPS OF CADETS



North Georgia College, being a military college, requires that all resident male students participate in the Corps of Cadets. In order to facilitate administration and training, the Corps is organized into a brigade of two or more battalions, each consisting of two or more companies. Immediately upon reporting to the college, the new cadet is assigned to a company. This unit quickly becomes the focal point for the new cadet's life on campus. It becomes his "home away from home" and provides an immediate social stability in a new environment. It also provides through upper classmen an opportunity for academic coaching. Additionally, the company provides the structure around which a spirited intramural sports program is developed and implemented. At the end of each academic quarter, the competition between companies in the Corps ends with the designation of Honor Company—that unit receiving the highest combined score in academics, athletics, military training and unit administration.

The "cadet system" of control prevailing within the Corps is a specialized system of student government in which there is extensive, direct, and continuous involvement of the cadets in the management of their own affairs. In this system, the conduct of cadets and most of the activities of the organizations within the Corps are the responsibilities of the cadet officers and noncommissioned officers. Thus, for all students seeking responsibilities and involvement, North Georgia College offers outstanding opportunities in both areas.

All cadets may and are encouraged to compete for leadership positions. In selecting individuals for positions of responsibility, consideration is given to demonstrated interest, motivation, military knowledge, academic standing (minimum requirement, C average), leadership potential and individual conduct records. Eligibility for advancement in rank parallels advancement in academic class standings. For example, noncommissioned officers are selected from the sophomore and junior classes, while cadet officers are selected from the senior class.



In the performance of their duties, cadet officers and noncommissioned officers are expected to set the example in appearance, conduct, and compliance with college approved Corps regulations, and they are expected to enforce these regulations in a fair and impartial manner so as to promote respect, morale and sound discipline. A copy of Corps regulations, known as the Blue Book, is made available to each cadet within the first week after reporting.

Membership in the Corps of Cadets is open to all students who are admitted to the College except certain aliens and those whose physical condition, as judged by the College Surgeon and the Commandant acting jointly, is determined to be inconsistent with requirements for normal participation in marching formation and living in cadet dormitories without special assistance, equipment or diet.

Cadets may earn the privilege of wearing appropriate civilian clothing after 6:00 p.m.

## MILITARY UNIFORMS

The distinguishing mark of a North Georgia College cadet is the college uniform. The use of the uniform produces a decided cost savings while at North Georgia College, since only a minimum amount of civilian clothing is needed. Upon enrollment, the new cadet is issued all major items of the required uniforms. After initial issue, it is the responsibility of the cadet to maintain the uniform and replace lost or damaged clothing items.

An initial uniform fee of \$100 is required by the college before uniforms are altered or issued. This modest fee is necessary to defray the cost on non-returnable items, alterations, and other administrative costs incurred in the purchase of cadet uniforms. At the beginning of the junior year, all items become the property of the student, except ROTC insignia and those items that are Army issue.

Cadets who sign a ROTC contract will be issued additional clothing items to include a complete dress blue uniform.

Army Regulations and college policies with regard to uniforms are subject to changes without notice and are all inclusive. College catalogs and other printed material reflect only the regulations and policies in effect at the time of printing.

## RECOMMENDED PERSONAL CLOTHING AND EQUIPMENT FOR CADETS:

Items to be purchased by the student and which remains his/her property are listed below. These items may be purchased at the College Bookstore or elsewhere. If not purchased at the Bookstore, items will be identical to those required by the Corps of Cadets.

- |  |   |
|--|---|
| 1 ea. Athletic supporter*                              | 2 ea. Pillowcase, white**                 |
| 1 pr. Shoes, tennis, white;<br>high top or low quarter | 2 ea. Blankets, OD color                  |
| 4 ea. Sheets, white, single<br>bed size**              | 1 ea. Physical Education<br>uniform (NGC) |
|  | 3 pr. White athletic socks                |

\*Male only

\*\*Not available in College Bookstore

The following is a list of clothing and equipment which cadets may find necessary for their personal requirements. They are recommended in the quantities indicated but are not required.

- |  |   |
|--|---|
| 1 ea. Box, for brass insignia<br>and buckles | 1 ea. Ironing board**                           |
| 1 ea. Brush, hair                            | 1 ea. Brush, clothes                            |
| 1 ea. Kit, sewing                            | 1 Footlocker (trunk)**<br>(approx. 14"x16"x32") |
| 2 pr. Pajamas**                              | 8 ea. Handkerchiefs, white                      |
| 1 ea. Razor                                  | 4 ea. Towels, bath size (white)                 |
| 1 pr. Shoetrees                              | 1 ea. Toothbrush                                |
| 1 ea. Brush, shoe                            | 2 ea. Washcloths, white                         |
| 1 ea. Comb                                   | 2 ea. Bathrobe**                                |
| 1 ea. Iron, electric**                       | 1 pr. Shower shoes                              |

\*Not available in College Bookstore

## ACCEPTANCE OF TRANSFER STUDENTS INTO ROTC

Juniors transferring from colleges and universities which do not offer an ROTC program may choose one of two courses of action. If a commission in the US Army is not desired, the transferee will attend selected military science classes chosen because of their universal application and interest. Transferees desiring an Army Commission will either be required to compress the basic (MSI and II) military science courses or to attend a six-week basic ROTC camp conducted by the Army.

Those male students who transfer to North Georgia College with senior class rank without credit in Basic Military Science may be excused from ROTC classroom work.

Freshmen or transfer students who have had two or more years of Junior ROTC in high school may be granted constructive credit for some or all of the freshman and sophomore level military science courses with the approval of the Professor of Military Science.

Prior to uniform issue or alterations, transfer juniors and seniors who elect not to sign a contract are required to make a uniform payment of \$100 to partially defray the cost of the uniforms.

Prior service military personnel interested in pursuing a commission in the Army may be given constructive credit for freshman and sophomore military science courses by the Professor of military Science. Students with prior military service who meet the qualifications for commuter status may be allowed to live off campus and may be exempt from participation in the military program.

## ARMY ROTC SCHOLARSHIP (MEN AND WOMEN)

Army ROTC Scholarships are available on a competitive basis to men and women students for four, three, two, and one year periods. These scholarships cover all tuition and fees, textbooks, and school supplies. In addition, since scholarship winners are on contract to earn a commission, a monthly subsistence allowance of \$100 is provided to each individual. Three, two, and one year scholarship nominees are selected from among applicants enrolled at North Georgia College by a faculty board. Those students selected are recommended in order of merit to the Department of the Army for final selection. Four year scholarships are nationally competitive and applications by interested individuals must be submitted early in the senior year of high school. Those interested in a four year ROTC scholarship should contact their high school counselor for detailed information on application procedures.

## THE GEORGIA MILITARY SCHOLARSHIP

North Georgia College/Georgia Army National Guard Military Scholarships are competitively available to Georgia high school seniors with a minimum SAT score of 1000 and a 3.75 high school average. These scholarships cover all cost for room, board, matriculation fees, books, and uniform fees. The scholarship winners serve in a pay status in the Georgia Army National Guard while at North Georgia College and upon graduation accept a commission and serve not less than four additional years in the Georgia Army Guard or the Regular Army. A student should contact a local member of the Georgia General Assembly early in his/her senior year for an application and nomination. Completed applications must be returned to the legislator before 1 December. From each congressional district, a total of five nominees will be selected by the Georgia Student Finance Commission for submission to the Scholarship Selection Committee. This committee will select one scholarship winner from each district. First and second alternate candidates will also be designated. Notification of winners will be made by 1 March.

## NORTH GEORGIA COLLEGE ROTC GRANT

All Georgia residents enrolled for a full academic course load to include the North Georgia College ROTC Program are eligible for a \$300 per year grant. Award is automatic for North Georgia College students who are Georgia residents and is funded by the State of Georgia. Payments of \$100 are made each quarter.





# ADMISSION





# ADMISSION

A person who wishes to enroll as a student at North Georgia College should file an application form which can be secured from the Director of Admissions. This form should be completed and sent to the College at least twenty (20) days prior to the beginning of the quarter for which the application is made. This application form, along with the high school transcript, should be returned to the Director of Admissions. The applicant is also required to complete the Scholastic Aptitude Test (SAT) given by the College Entrance Examination Board and have his test scores sent to the college. Information regarding this test may be secured from high school counselors, any unit of the University System of Georgia, or from the College Entrance Examination Board, Post Office Box 592, Princeton, New Jersey. The applicant should have his high school counselor supply a transcript of his record. Students transferring from other colleges or universities should arrange with the Registrar to forward transcripts of credit earned.

An application for admission to the college will be considered only when all of the information described above has been assembled. Before acceptance, an applicant must have a predicted grade point average which indicates he is capable of carrying out effectively the academic programs of the college. This predicted academic average is based on the applicant's high school record and SAT scores.

In some instances, the applicant may be requested to come to Dahlonega for testing and interviewing by the Admissions Committee. If required, the Director of Admissions will notify the applicant of the time and place of the interview.

The college reserves the right to refuse applicants when it appears that the number of students already accepted will fill the college to its capacity.

## REGULAR ADMISSION

1. The applicant must be at least sixteen years old on or before the registration date. He must be of good moral character.
2. The applicant must show that he meets at least one of the following conditions:
  - (a) That he is a graduate of an accredited high school or a high school that is approved by the college and that he has completed the work specified in Section 3 below.
  - (b) That he has passed satisfactory entrance examinations prescribed by the college.
3. A required minimum of sixteen units (240 quarter hours) of high school work must be completed.

The following specific units should be submitted by applicants for a Bachelor's Degree program.

English .....	4 (60 quarter hours)
Algebra and/or Geometry .....	2 (30 quarter hours)
Social Studies .....	2 (30 quarter hours)
Science .....	2 (30 quarter hours)
Additional Academic Units .....	4 (60 quarter hours)

The College reserves the right to refuse to accept any or all of the credits from any high school or other institution, notwithstanding its accredited status, when it is determined through investigation or otherwise that the quality of instruction at such high school or other institution is for any reason deficient or unsatisfactory.

Students who have been unable to schedule required courses should write to the Director of Admissions for information on ways of making up credit deficiencies.

4. A completed medical form is not required for acceptance. However, we strongly recommend that you have your physician complete the form so that North Georgia College's medical staff can properly plan for the care of all students. You may forward the completed form with your application or at a later date. This form is especially important in those cases where the student has some condition requiring special assistance from the college.
5. A \$10.00 application fee is charged students applying to the college for the first time. This fee is not refundable and does not apply toward other college fees. After a student is accepted for admission to the college, he is asked to make a room reservation deposit of \$25.00.

For students entering the college in the Summer or Fall Quarters, the deposit is due by May 1st. If the acceptance occurs after May 1st, the deposit is due at the time of acceptance. If an accepted student decides to cancel his reservation, the deposit is refunded upon request, provided the notification of cancellation is received by the Admissions Office prior to August 1 for the Fall, December 1 for Winter, February 15 for Spring Quarter, and May 15 for Summer Quarter.

6. Students whose college entrance tests and/or high school academic record will not allow for regular admission to the College may be admitted as Special Studies students. These students will undergo a battery of tests and may be placed in non-credit Special Studies courses to prepare them for college level work. Admission to North Georgia College is conditional, and these students may be enrolled in college-level academic work for credit only after having successfully passed specific additional admissions tests or having successfully completed Special Studies Courses.

In special instances, Special Studies Students may be enrolled in specifically selected courses with the approval of the Head of the Department of Special Studies.

#### **NO REGULARLY ADMITTED STUDENT WILL BE REQUIRED TO TAKE NON-CREDIT DEVELOPMENTAL COURSES.**

### **EARLY ADMISSIONS**

North Georgia College will allow certain high school students to enter college under the Early Admissions Plan. Students applying under this plan should have completed the eleventh grade and have credit for at least 13 of the 14 academic units required under the section for regular admission. Such students should present at least a B average or better, good SAT Scores, and an unqualified recommendation from the high school counselor or principal.

### **LEGAL RESIDENT REQUIREMENTS**

In order to register at North Georgia College as a legal resident of the State of Georgia, a student must meet certain requirements set forth by the Board of Regents of the University System of Georgia

1. (a) If a person is 18 years of age or older, he or she may register as a resident student only upon showing that he or she has been a legal resident of Georgia for a period of at least twelve months immediately preceding the date of registration.  
(b) No emancipated minor or person 18 years of age or older shall be deemed to have gained or acquired in-state residence status for fee purposes while attending any educational institution in this State in the absence of a clear demonstration that he or she has in fact established legal residence in this State.
2. If a person is under 18 years of age, he or she may register as a resident student only upon showing that his or her supporting parent or guardian has been a legal resident of Georgia for a period of at least twelve months immediately preceding the date of registration.

- 3 A full-time employee of the University System and his or her spouse and dependent children may register on the payment of resident fees.
- 4 Non-resident graduate students who hold teaching or research assistantships requiring at least one-third time service may register as students in the institution in which they are employed on payment of resident fees.
- 5 Full-time teachers in the public schools of Georgia and their dependent children may enroll as students in the University System institutions on the payment of resident fees.
- 6 All aliens shall be classified as non-resident students; provided, however, that an alien who is living in this country under a visa permitting permanent residence shall have the same privilege of qualifying for resident status for fee purposes as a citizen of the United States.
- 7 Foreign students who attend institutions of the University System under financial sponsorship of civic or religious groups located in this State, may be enrolled upon the payment of resident fees, provided the number of such foreign students in any one institution does not exceed the quota approved by the Board of Regents for that institution.
- 8 If the parents or legal guardian of a minor change his or her legal residence to another state following a period of legal residence in Georgia, the minor may continue to take courses for a period of twelve consecutive months on the payment of resident fees. After the expiration of the twelve month period, the student may continue his registration only upon the payment of fees at the non-resident rate.
- 9 In the event that a legal resident of Georgia is appointed as guardian of a non-resident minor, such minor will not be permitted to register as a resident student until the expiration of one year from the date of court appointment, and then only upon proper showing that such appointment was not made to avoid payment of the non-resident fees.
- 10 Career Consular Officers and their dependents, who are citizens of the foreign nation which their Consular Office represents and who are stationed and living in Georgia under orders of their respective governments, shall be entitled to enroll in University System institutions on payment of resident fees. This arrangement shall apply to those Consular Officers whose nations operate on the principle of educational reciprocity with the United States.
- 11 Military personnel and their dependents stationed in Georgia and on active duty, except military personnel assigned to system institutions for educational purposes, shall pay the same fees assessed residents of Georgia.

## TRANSFER STUDENTS

An applicant who has attended other colleges and maintained an academic average of "C" or better, has a clear conduct record, and is in academic good standing at his former college may be considered for admittance.

All regulations applicable to students entering college for the first time shall be applicable to students transferring from other colleges, insofar as the regulations are pertinent to the applications of transfer students.

A transferring student should ask the registrars of colleges which he or she has previously attended to send transcripts of college credit to the Director of Admissions, North Georgia College, Dahlonega, Ga. 30597. The applicant's academic qualifications for admission will ordinarily be based on these college transcripts, however, the Director of Admissions may require high school transcripts to use in the evaluation. Students will not be admitted without required transcripts.

Even though the institution that the student last attended is an accredited institution, the

Director of Admissions may reject the application or all or any part of previously earned credits if there is any reason to believe that the quality of the educational programs of the previous institution are unsatisfactory.

An applicant will not be considered for admission unless the transcript shows an honorable discharge from the college last attended or unless the officials of that institution recommend the applicant's admission.

Work undertaken at another institution by a student under academic suspension cannot be transferred to North Georgia College for credit toward a degree.

A student transferring from another college must show that at some time has taken the College Entrance Board's Scholastic Aptitude Test or that he has taken some other equivalent test approved by North Georgia College. Scores on such tests must be submitted to North Georgia.

Transfer students entering North Georgia College shall be subject to the following policies.

- (a) The amount of academic credit accepted for work done in another institution within a given period of time may not exceed the normal amount of credit that could have been earned at the College during that time.
- (b) The maximum academic credits accepted from a junior college is 95 quarter hours
- (c) The total number of hours that may be earned toward a degree by either extension or correspondence courses shall not exceed 45 quarter hours.
- (d) A transfer student must take and pass The Regent's Test prior to earning a total of 75 quarter hours. A new transfer student with more than 75 quarter hours credit has one full quarter in which to take and pass The Regent's Test.

## TRANSIENT STUDENTS

A student who has taken work in a college or university may apply for the privilege of temporary registration in North Georgia College. Such a student will ordinarily be one who expects to return to the college or university in which he was previously enrolled

The following policies shall govern the admission of students on a transient status.

1. The student must apply for admission to North Georgia College
2. The admissions officer must have evidence that the institution that the student previously attended was an accredited or an approved institution
3. An applicant will be accepted as a transient student when it appears that the applicant's previous academic work is of a satisfactory quality. The Director of Admissions may require the applicant to submit a transcript of his previous college work.
4. An applicant for admission as a transient student must present a statement from the dean or registrar of the institution that he last attended recommending his admission as a transient student. Students on academic probation or suspension or on disciplinary suspension will not be admitted

## AUDITORS

Regularly enrolled North Georgia College students may register for courses as auditors. Students seeking admission solely for the purpose of auditing courses should contact the Director of Admissions. No academic credit shall be awarded to students enrolled on this basis. No student may register to audit more than five (5) hours of course work per quarter. Fees assessed for courses audited are the same as fees for courses taken for credit.

## RE-ENTRANCE OF STUDENTS

Students who have previously enrolled at North Georgia College but have discontinued their enrollment for any reason must submit an application to re-enter. Such students will not be required to re-submit all records required of new students, but must submit an application and deposit to the Director of Admissions at least twenty days prior to the registration date for the quarter they propose to re-enter. They will be formally notified of readmission.

## SPECIAL STUDENTS

Irregular students and special students and all other students of classifications not covered in these policies shall be required to meet all requirements prescribed for admission to undergraduate study and to meet any additional requirements that may be prescribed by the institution. Special students are admitted for one quarter only. When the "Special Student" terminates his or her enrollment, it will be necessary for him or her to process withdrawal papers. If the student desires to continue enrollment, the Admissions Office must be notified of this intent 20 days prior to the date of registration for the next quarter.

## CREDIT BY EXAMINATION

Credits may be awarded to entering students upon the presentation of acceptable official scores on certain standard examinations. Students wishing to have this credit awarded by North Georgia College should contact the Director of Admissions for approval prior to taking examinations. For further information see "Credit by Examination," in the section on Academic Regulations.



# EXPENSES AND FEES



# COLLEGE EXPENSES AND FEES

**NOTICE** — COSTS INDICATED ARE CURRENT AS OF 1 APRIL 1981

ALL FEES, BOARD, ROOM RENT, AND OTHER CHARGES ARE DUE AND PAYABLE PRIOR TO EACH QUARTER OR AT REGISTRATION AND ARE ALL SUBJECT TO CHANGE AT THE END OF ANY QUARTER.

Following is a complete table of all costs at North Georgia College.

## SUMMARY OF CURRENT QUARTERLY COSTS

Matriculation	\$ 187.00
Health Fee	20.00
Athletic Fee	10.00
Activity Fee	12.00
Yearbook Fee	4.00
Board	250.00
Room	195.00
	<hr/>
	\$678.00

*An application fee of \$10.00 is required of all students and must accompany the application for admission.*

*A room deposit of \$25.00 is required of all dormitory students upon acceptance for admission.*

*A uniform fee of \$100.00 is required of all resident freshman men and those female students enrolled in the military program prior to any uniform alterations or issue.*

*Checks and money orders should be made payable to North Georgia College.*

## OTHER COSTS AND SPECIAL FEES (Includes Sales Tax)

Books and School Supplies, \$50.00 to \$75.00 per quarter average.

Personal expenses vary widely and obviously depend upon the student.

SPECIAL CHARGES	AMOUNT	WHEN DUE
Out-of-State Fee	\$350.00	Each Quarter
Graduation Fee (undergraduate)	15.00	May 1 of graduation year
Graduation Fee (graduate)	20.00	May 1 of graduation year
Transcript Fee	1.00	Each copy over one
Late Registration Fee	5.00	Per course (\$15 full load)
Vehicle Registration	3.00	Each Quarter

## EXPLANATORY NOTES

### Note No. 1. Payments

Students and parents are expected to take notice of due dates on all payments and pay promptly without further notice or request. Open accounts cannot be carried.

### Note No. 2. Matriculation, Health, and Activity Fees

All students pay the established matriculation activity fee, athletic and health fee. These fees cover all general fees of the college. Any student enrolled for more than five credit hours must pay the Health and Activity Fee.

#### Note No. 3: Board/Purchase of Meals

All students living in College dormitories are classified as boarding students and are required to pay the quarterly board fee.

Commuting students may purchase a meal plan if they desire.

Board charges cover meals in the College dining halls only, and no meals are furnished during College holidays.

No provisions can be made for special diets.

#### Note No. 4 Books

The estimated cost shown for books is based upon the average experience. Cost of books after the initial purchase may be considerably reduced should the student wish to sell his used texts and purchase similar used books.

#### Note No. 5: Purchase of Supplies

Gymnasium uniforms, books, and supplies must be paid for at the time of issue or at the time of purchase.

#### Note No. 6: Checks

Students who pay fees with postdated checks or with checks returned for insufficient funds will be charged a late registration fee.

### REFUNDS

Formal withdrawal must begin with a written approval from the Dean of Students or Associate Dean of Students. At the time this approval is granted, specific instructions will be given for the student to complete his formal withdrawal. Any deviation from this procedure will be considered as an irregular withdrawal and will result in the forfeiture or the loss of any refund due.

In the case of formal withdrawal, a refund of the Matriculation Fee may be made on the following basis:

- (1) Withdrawal during one week following the scheduled registration date; a refund of 80% of the Matriculation Fee paid for that quarter;
- (2) Between one and two weeks, 60%;
- (3) Between two and three weeks, 40%;
- (4) Between three and four weeks, 20%;
- (5) After four weeks, no refund

No refund can be made on Activity or Health fees.

In case of withdrawal, a refund on board and room may be made on the number of full weeks remaining in the quarter.

In case of excused absence, a refund on board, not room, may be given on that part of the student's absence which is in excess of two weeks.

Refunds over \$25.00 are sent directly to the student's home address or applied as credits to the student's account

### OVERNIGHT GUESTS

Student guests may be accommodated overnight in the dormitories by reservation with the Dean of Students for \$2.00 per night. If College linens are used, an additional charge of \$1.00 per change will be made.



# FINANCIAL AID





# FINANCIAL AID

The primary purpose of the financial aid program is to provide assistance to students, who, without such aid, would be unable to attend college. Parents are expected to pay as much as they can afford, but beyond this point, the college offers a variety of aid programs consisting of loans, grants, scholarships and employment. No application for scholarship or loan, sponsored or supported from state or federal funds, may be considered until financial need has been established. Once need is established and amounts determined, the Financial Aid Director puts together for the individual a "Financial Aid Package" from various money sources.

**All requests for financial assistance should be directed to the Director of Student Aid.**

North Georgia College participates in the College Scholarship Service (CSS) of the College Entrance Examination Board. The CSS assists colleges in determining the student's need for financial assistance.

Students seeking financial assistance are required to complete a Financial Aid Form or Student Financial Statement (SFS) designating North Georgia College as one of the colleges to which the report of financial need will be sent. The Financial Aid Form may be obtained from a local high school, the College, or College Scholarship Service, P.O. Box 176, Princeton, New Jersey. The deadline for Fall application is August 1.

## GRANTS

### THE BASIC OPPORTUNITY GRANT

The "BOG" is open to all students and is a federal aid program. The maximum grant under this program is \$1,900. The award, however, may be less than this maximum amount, because the actual grant is based on the family's expected contribution and two other factors: (1) the amount of funds appropriated by Congress; and (2) the yearly educational costs, since the grant cannot exceed one-half that cost and because costs vary from college to college.

Any citizen of the United States who has **never** received an undergraduate degree is eligible to apply for this entitlement.

Application for this grant is made by submitting a "Needs Analysis Application" to the contractor designated by the U.S. Office of Education. This form may be secured from your high school counselor.

### NORTH GEORGIA COLLEGE ROTC GRANT

Please see a full explanation of this program on page 21.

### SUPPLEMENTARY EDUCATIONAL OPPORTUNITY GRANT

The "SEOG" was established by the Higher Education Act of 1965 and is a direct award to students with exceptional financial need. The exact amount of the award depends upon the financial resources of the individual and parents and the cost of attending North Georgia College. This grant may range from \$200 to \$2,000.

## SCHOLARSHIPS

### GEORGIA INCENTIVE SCHOLARSHIP

The Georgia Incentive Scholarship program was created by an act of the 1974 Georgia General Assembly in order to establish a program of needs-based scholarships for qualified

Georgia residents to enable them to attend eligible postsecondary institutions of their choice within the state. The scholarship awards are designed to provide only a portion of the student's resources in financing the total cost of postsecondary education.

### **HAMMOCK SCHOLARS (Freshmen Only)**

Asa D. Hammock, a native of Newton County, Georgia, and a graduate of North Georgia College, Class of 1895, on his death in 1957 willed a substantial portion of his estate to the college. It is his desire that the income from his bequest be used to provide financial assistance in the form of scholarships to students with a demonstrated aptitude for outstanding scholastic achievement.

### **REGENTS' SCHOLARSHIPS**

The Board of Regents of the University System of Georgia receives from the State certain funds from which scholarships may be granted to residents of Georgia attending institutions of the University System. These scholarships were established for the purpose of assisting students of superior ability who need financial aid in order to attend college. A student who wishes to apply for the Regents' Scholarship should direct his application to the Director of Student Aid, North Georgia College, Dahlonega, Georgia 30597.

### **THE GEORGIA MILITARY SCHOLARSHIP**

Please see a detailed explanation of this scholarship on page 21

## **LOAN FUNDS**

### **CAPTAIN CHARLES BUFORD JOHNSON, JR., MEMORIAL LOAN FUND**

This fund was established in 1963 by North Georgia College graduates and members and friends of the family of the late Capt. Charles B. Johnson, Jr., who graduated from North Georgia College in the Class of 1957. Loans may be made to any needy student at North Georgia College.

### **MOORE LOAN FUND**

This fund was donated by Mr. John H. Moore of Dahlonega, formerly a trustee of the college. Preference for assistance is given the graduates of the local Lumpkin County High School. Loan notes bear 6% interest on unpaid balances from the date of loan and must be endorsed by two responsible persons.

### **COLONEL WILLIAM MANNING SMITH MEMORIAL LOAN FUND**

This fund was established in 1960 by members of the family of the late Colonel William M. Smith, Class of 1900.

### **SENIOR LOAN FUND**

Several senior classes have contributed to a fund to assist members of any current senior class. Loans bear no interest, but those aided usually make a contribution to the fund to help someone else.

## STUDENT GOVERNMENT ASSOCIATION AND CLASS OF '62 LOAN FUND

Established in 1972, this fund is designed to provide financial assistance to those students in need of small, short-term loans. The money for this fund was donated by the Graduating Class of 1962 in memory of three of their classmates, by the Student Government Association, and by various faculty members.

The Fund is administered through the office of the Dean of Students. To be eligible for a Short-Term Loan, a student must be regularly enrolled as a full-time student at North Georgia College.

## ROBERT H. "DOC" WALLER LOAN FUND

This fund was established in 1970 by the family and friends of Doc Waller, a member of the 1969-70 senior class, who was killed in an airplane crash, January 1970. Emergency loans are available from this fund and are repayable within 24 months after graduation at 3% interest.

## NATIONAL DIRECT STUDENT LOAN FUND

The college participates in the National Direct Student Loan Program established by the National Defense Education Act of 1958 as amended in 1972. NDEA funds are available to full-time, degree-seeking students regularly enrolled in college. Students attending summer school only are not eligible.



A maximum loan of \$1,500 for undergraduate work and \$3,000 for graduate work may be obtained each year for an overall maximum loan not to exceed \$6,000 for undergraduate and \$12,000 for graduate work. Loans must be repaid at 4% simple interest scheduled on a quarterly basis beginning the first of the seventh month after you cease to be enrolled at least half-time. The total loan may be repaid over 10 years (depending on the size of the loan).

## **FEDERALLY INSURED STUDENT LOAN PROGRAM**

These guaranteed loans are arranged through private banks and other financial institutions participating in the program. Undergraduate dependent students may borrow as much as \$2,500 per year. Undergraduate independent students may borrow up to \$3,000 per year. Interest is paid by the Federal Government until the student completes his education.

In Georgia, this loan program is administered by the Georgia Higher Education Assistance Corporation (GHEAC), 9 LaVista Perimeter Park Suite 110, Atlanta, Georgia 30084.

In the event that you are unable to locate funds locally, North Georgia College has a limited amount of endowed funds which may be used under this Federally Insured Loan Program. Application should be made through the Director of Financial Aid.

A list of financial institutions participating in the program may be obtained by contacting GHEAC. Students who are residents of other states may inquire about this loan by contacting United Student Aid Funds, 845 Third Avenue, New York, N.Y. 10022.

## **OTHER SOURCES OF FINANCIAL ASSISTANCE**

### **STATE SCHOLARSHIP COMMISSION**

Scholarships will be granted to legal residents of Georgia who would not otherwise have the necessary funds to finance programs of study in medically-related areas, including dentistry, nursing, pharmacy, social work, medical technology, etc. Stipends vary in relation to established need and the average cost of study at the college. Additional information and applications may be obtained from the State Scholarship Commission, 9 LaVista Perimeter Park Suite 110, Atlanta, Georgia 30084.

### **PICKETT AND HATCHER EDUCATION FUND**

The late Mr. Claud A. Hatcher of Columbus, Georgia, created an educational loan fund for the purpose of aiding a large number of worthy students in securing courses in broad liberal arts training. Limitations prevent loans being granted to students of law, medicine, and for the ministry. Applications and requests for additional information should be addressed to Mr. Jack E. McGraw, Executive Vice President, Pickett and Hatcher Educational Fund, P.O. Box 2128, Columbus, Georgia 31902.

## **EMPLOYMENT OPPORTUNITIES**

Students who demonstrate need and otherwise qualify for the College Work-Study Program can be employed for up to 15 hours per week for full-time students. To be eligible, a student must be at least a half-time student (entering freshmen may be eligible for summer employment prior to Fall Quarter registration) or, in the case of a student already enrolled, be in good academic standing. The applicant must also be capable of maintaining good academic standing while employed under the program. Preference for employment is determined from an evaluation of the Parents' Confidential Statement and need analysis from the College Scholarship Service.







# STUDENT SERVICES



# STUDENT SERVICES

## COUNSELING SERVICES

Personal and activities counseling is available to North Georgia College students and organizations at the Student Counseling Center. At no point during a student's undergraduate career at North Georgia College is he without access to personal counseling on any problem. Students are encouraged to seek the help of the Student Counselor for assistance in solving personal and social adjustment problems. Students are also offered aid in planning and organizing student activities, leadership workshops, and other campus projects. The Student Counselor is available to discuss any aspect of campus life. All contacts at the Student Counseling Center are CONFIDENTIAL.

## PLACEMENT AND TESTING OFFICE

The Placement and Testing Office seeks to aid students in recognizing their abilities and to provide guidance for realizing maximum benefits from their college experience. The Testing Office also has the responsibility for administering group and individual tests for the college community. Available tests range from individual intelligence and personality tests to vocational inventories and large group tests, such as the Graduate Record Examination.

Additionally, the Director of Placement provides placement services for North Georgia College students. Information on current employment opportunities and assistance in obtaining employment upon graduation is a service of this office.

## FACULTY ADVISERS

Each student is assigned a faculty adviser who is to assist him or her in developing a program of study and to serve as confidant, guide and friend. Students should feel free to consult these advisers concerning academic problems.

## HOUSING AND LIVING ACCOMMODATIONS

Applications for dormitory rooms are included as a part of the Admissions Form and should be submitted to the Director of Admissions, North Georgia College. Inquiries about room assignments should be directed to the Associate Dean of Students for women students and to the Assistant Commandant of Cadets for men students.

The General Policies on Housing for the North Georgia College campus are based on the philosophy that residence hall life is a vital part of the total educational function of the institution. Therefore, the policies which govern the management and operation of campus housing are:

1. All undergraduate students are required to live in residence halls. Exceptions to this policy may be made in the following cases:
  - a. Students who live in and commute from the residence of parents, grandparents or husband or wife within a 40 mile radius of Dahlonega
  - b. Students who have a baccalaureate degree.
  - c. Students who have completed 12 quarters in residence and students who have fulfilled prescribed military courses and activities. Male students who complete 12 quarters in residence prior to completing 12 quarters of Military Science will be required to complete the Military Science requirements as a commuting student
  - d. Students who have been honorably discharged after one full year of active military service.

- e. Students who have successfully completed induction requirements under Reserve Enlistment Program 63 or similar program under another armed service.
- f. Students over 23 years of age.

Application for exemption from the on-campus requirement must be made in writing to the Dean of Students no later than two weeks prior to the beginning of the quarter during which the student anticipates living off campus. The student will be notified in writing of the decision. All off-campus moves must be completed by the end of the first week of each quarter. Application forms for commuter status are available as part of the Application Kit in the back of this catalog or in the office of the Dean of Students. The college reserves the right to revoke this exemption and require the student to reside on campus and/or disenroll if he or she is found to be in violation of the college's residency regulations.

- 2 Roommate requests will be honored whenever space permits. Such requests can be accommodated more easily if the students concerned indicate their roommate preference on their application, submit applications at the same time, and check into the assigned residence hall together.
- 3 Rental rates on campus housing facilities are subject to change without notice.
- 4 All rooms are designed for double occupancy. Room rates are computed on this basis. Private rooms may be obtained on a space available basis for an additional \$40 per quarter.
- 5 Campus housing accommodations may be denied, cancelled, or changed at the discretion of the College. **The College reserves the right to enter and inspect any campus residence room or space at any time.**
- 6 The College assumes no responsibility for damage or loss of personal property arising from any incident over which it has no control.

**ON-CAMPUS HOUSING FOR MEN** There are two residence halls for men on the North Georgia College campus. (Sirmons and Gaillard Halls). Each residence hall houses one of the Cadet Battalions. Furnishings within individual rooms include beds, chests, desks and a closet. Students are expected to provide their own pillows, linens, lamps, and radio/stereo. Comfortable lounge areas and coin-operated laundry facilities are also provided for student use.

**ON-CAMPUS HOUSING FOR WOMEN** Residence halls for women include Lewis Hall (freshmen only), Lewis Annex and Donavon Hall. Furnishings within individual rooms include beds, chests, desks and closets. Students are expected to provide their own pillows, linens, lamps, curtains (if desired), and radio/stereos. Comfortable lounge areas and coin-operated laundry facilities are also provided for student use.

**NON-MILITARY HOUSING FOR STUDENTS EXEMPT FROM ROTC.** On campus housing is available in the residence halls for all students who are not required to be enrolled in the Corps of Cadets.

## HEALTH SERVICE

North Georgia College maintains an Infirmary facility on the campus for all students. The Infirmary is supported by a quarterly health fee. There is no additional charge for the professional service of the physician.

The Infirmary is open 24 hours a day while the College is in session. Treatment for nearly all minor illnesses and injuries is provided. Serious cases are referred to the Lumpkin County Hospital in Dahlonega.

The College assumes no responsibility for injuries received in voluntary or required activities, for the cost of prescriptions not stocked within the Infirmary, for special nurses, for consultation and hospital expense in the more serious cases of illness and accidents, for special X-ray work or surgery of any kind, nor for the health of students who do not abide by regulations of the infirmary or the instructions of the College Physician.

## THE STUDENT CENTER BUILDING

The \$1.4 million Student Center Building, which opened in 1970, houses areas designed for many different kinds of activities. A little theatre offers an outstanding theatrical facility for drama, music and public affairs. A canteen complex provides dining and snack facilities. The activity area contains a game room and Coffee House. Offices for student activities, as well as meeting areas for campus organizations, are also provided. Lounge areas and TV rooms provide ample space for leisure and social activities.

**GUESTROOMS.** The Student Center provides two modern guest rooms that may be rented on a nightly basis. Each room offers complete accommodations equivalent to a modern motel. Reservations should be made a week in advance to insure accommodations. Room rates are available upon request to the Director's Office.

## CANTEEN/BOOKSTORE/POST OFFICE

The North Georgia College Canteen, Bookstore, and Post Office are located in the Student Center. They are operated for the convenience of students and faculty.

The Canteen provides a side selection of soft drinks, sandwiches, and other refreshments. The Bookstore offers a complete line of school supplies and textbooks. *The Post Office maintains post office boxes for all students.* Each student is urged to check his post office box daily for communications from various departments and outside mail.

The correct mailing address for each student will be: name, NGC Box \_\_\_\_\_, *Dahlonega, Georgia 30597.*

## ORIENTATION (INTRO)

North Georgia College sponsors a Summer Orientation Program for all new students. The program is conducted in four sessions during the summer and early fall. Faculty, administrators, staff members and student leaders conduct the program. The series of events in the program are planned to give new students information about the academic community, advanced placement and screening tests, assignment of faculty advisors, academic counseling, and to familiarize each student with the service and facilities of the college.

Upon acceptance at North Georgia College, each new student will receive by mail a brochure relating the pertinent information concerning the requirements, fees, etc. for participants in the Orientation Program.

# STUDENT LIFE, GROUPS AND HONORS





# STUDENT LIFE

North Georgia College is a unique educational institution, and one important reason for this uniqueness particularly pertinent to the students is the extent to which he or she is directly involved in the leadership and management of the organizations affecting student life. It would be hard to find any other tax supported institution in the United States that provides its students more worthwhile opportunities for direct and immediate involvement in actual student government than does North Georgia. These opportunities for practical experience in leadership and personnel management, for character development, and for assumption of responsibility are derived naturally and directly from the structured organization of the College's student body. This diverse student body is comprised of resident and non-resident members of the Corps of Cadets, resident and non-resident women, and commuting students who are not members of the Corps. The following paragraphs provide a brief explanation of the NGC student government, campus organizations, the manner in which resident students are organized for daily living, and some of the basic regulations by which all students are expected to gauge their conduct.

Rules and regulations governing student conduct are included in the Student Handbook. New students are provided with copies of the Handbook during Orientation and are responsible for having a general knowledge of its content.

## STUDENT GOVERNMENT ASSOCIATION (SGA)

The North Georgia College Student Government Association is composed of elected representatives of each class on campus and executive officers and is the ranking student organization on the campus. It is the coordinating body for various student activities, organizations and class elections, and is a medium for communication between the administration, faculty and the student body. The SGA annually prepares a budget recommending the allocation of Student Activity Fees.

## CORPS OF CADETS

The Corps of Cadets is the governing body of all resident male students. The Corps, organized into a Brigade structure, is represented on the Student Government Association. Specific information on the Corps and the R.O.T.C. program may be found under the section entitled "The Military Program".

## RESIDENT WOMEN'S STUDENT GOVERNMENT ASSOCIATION

The Resident Women's Student Government Association, which includes all women students at North Georgia College, was organized to promote the welfare of the women students of the College. The RWSGA is a self-governing organization through which women students can become active participants in the governance of the student body.

The governing body of the RWSGA is the Resident Women's Affairs Board. It is made up of elected representatives and is responsible for the citizenship of women students on campus. The RWSGA provides for House Councils and Judiciary Boards elected by resident students who are responsible for governing residence halls. Head Residents advise these organizations in their respective residence halls.

## COMMUTER STUDENTS

Male students who qualify as commuters may attend the College in a non-military status. There is, of course, nothing to preclude a commuter from full participation in the College's military program. A male student meeting any one of the exceptions listed under the section, Housing and Living Accommodations, may be granted commuter status.

Women students other than those who are married and living with spouse or in the home of parents, grandparents, or legal guardians are required to live in College housing. Married women students may apply for residence in dormitories on a space available basis.

Commuter students are subject to all appropriate college regulations included in the Student Handbook.

## **N.G.C. UNION GOVERNING BOARD**

The N.G.C. Union Board is the planning and programming body for student activities on the N.G.C. campus. Any student interested in a variety of campus activities can contribute his ideas and talents by actively participating on the College Union Board. The Union Board, located in the Student Center is a comprehensive program of student activities planned and executed by enthusiastic students. Seven Union Board Committees — Decorations and Hospitality, Ideas and Issues, Cultural Affairs, Publicity and Public Relations, Social Activities and Koffee House, Recreation, and Cinematic Arts — work with many phases of campus life to provide worthwhile educational, social, and cultural programs for the college community. The Union is a laboratory for living and for the education of the whole person.

## **STANDARDS OF CONDUCT**

While the specific rules governing student conduct are spelled out in detail in the Student Handbook and Blue Book, the standards of conduct expected of North Georgia College students are basically those prevailing in any well ordered society comprised of intelligent, moral ladies and gentlemen. Minor infractions of rules are handled within the organizational structure of the Corps of Cadets and Resident Women's Student Government Association. Serious breaches of the standards of conduct or College regulations are referred to the College Discipline Committee by the Dean of Students. This committee is composed of faculty and students and is the primary judicial body on campus.

## **DISRUPTIVE CONDUCT**

The Board of Regents of the University System of Georgia has stated that any student who, acting singularly or in concert with others, obstructs or disrupts, or attempts to obstruct, or disrupt, by force or violence, or by threat of force or violence, any teaching, research, administrative, disciplinary, public service or any other activity authorized to be held or conducted on the campus of North Georgia College or on any campus of the University System of Georgia, shall be subject to immediate dismissal.

The words "force" and "violence" shall be construed to include such obstructive and disruptive acts as stand-ins, sit-ins, and lie-ins.

Any student who remains in or refuses to vacate any building on the campus of North Georgia College or on the Campus of any institution within the University System of Georgia at a time when such building is normally, usually and customarily closed to students, and after having received notice to vacate from the President of the institution or other officer charged with the custody and control of the building, shall be subject to immediate dismissal.

## **VEHICLE REGULATIONS**

Any student may register and keep a vehicle on campus provided he is qualified to do so under the laws of the State of Georgia and the College. All vehicles parked or operated on campus must be registered with Campus Security. The right of a student to operate and/or possess a vehicle is considered by the College to be a privilege which may be revoked for cause at any time. A quarterly vehicle registration fee of \$3.00 is payable at the beginning of each quarter's registration.

# STUDENT GROUPS



Life at North Georgia College is enriched by a variety of groups and organizations. Some of these organizations encourage and direct the scientific, scholarly, artistic, or humanitarian interests of students and of the faculty and administration. Some provide honorary recognition for achievement. Others are purely social or combine learned interests with social recreation. No attempt is made in the following section to present a detailed account of all organizations and their activities. Full information is provided in the Student Handbook which is distributed to all students at registration.

## ORGANIZATIONS

**HONORARY ACADEMIC ORGANIZATIONS:** Alpha Lambda Delta, Nu Gamma, Phi Kappa Phi

**HONORARY PROFESSIONAL ORGANIZATIONS:** Alpha Psi Omega (Drama), Phi Alpha Theta (History), Phi Beta Lambda (Business), Sigma Pi Sigma (Physics)

**RELIGIOUS ORGANIZATIONS:** Baptist Student Union, Newman Club, Wesley Foundation

**GENERAL GREEK LETTER ORGANIZATIONS** Sororities: Two national chapters — Kappa Delta and Phi Mu. Fraternities — Three national chapters — Pi Kappa Phi, Sigma Phi Epsilon, and Sigma Nu. One local chapter — Sigma Omega



**MILITARY ORGANIZATIONS:** Aggressor Platoon, Association of the United States Army, Blue Ridge Rifles Drill Platoon, Brigade Band, Mountaineering Platoon, Officers' Club, Non-Commissioned Officers' Club, Order of Colombo, Rifle Team, Scabbard and Blade.

**SPECIAL INTEREST GROUPS:** American Society for Personnel Administration, Better Learning and Cultural Knowledge Club, Capella Society, Chorale, College Union Governing Board, Concert Band, Dixie Babes, Fencing Club, Foreign Languages and International Cultures Society, Panhellenic Council, Physical Education Majors Club, Playmakers, Recreation Association, Resident Women's Student Government Association, Rod and Gun Club, Scuba Club, Semper Fidelis, Social Work Club, Society of Physics Students, Society for Advancement of Psychology, Sport Parachute Club, Student Association for Childhood Educators, Student Council for Exceptional Children, Student Education Association, Student Government Association, Women's Athletic Club.

# HONORS AND AWARDS

## DEAN'S LIST

Students who have a grade-point average of 3.5 while carrying a normal academic load with no grade below "B" will be placed on the Honors List for the succeeding quarter.

An Honors Day program is held at the end of the Spring Quarter in recognition of those students who are on the Honors List for the Winter and Spring quarters.

## HONORS PROGRAM

The college offers an honors program in a number of departments. Students demonstrating superior abilities are given the opportunity to enroll in special courses designed to make the maximum use of their capacities.

## SENIOR HONORS

A student is graduated Summa Cum Laude if his over-all grade ratio is 3.9; Magna Cum Laude if the grade ratio is 3.7; Cum Laude if the grade ratio is 3.5.

## WALTER J. CARPENTER MATHEMATICS AWARD

Each year the faculty members of the Mathematics Department select a recipient of this award on the basis of mathematical performance and potential from among those students who have received credit for Mathematics 246 during the previous three most recent academic quarters, but have not earned a total of more than 135 quarter-hours. Normally, the student chosen will be a freshman or sophomore.

## CLARK MEDAL

Each year the faculty members of the Mathematics Department select a recipient for this medal based on mathematical ability and performance from among those students who have completed the three-quarter calculus sequence, plus two courses at the three or four-hundred level.

## DISTINGUISHED MILITARY STUDENT

The DMS is awarded to senior ROTC students who possess outstanding qualities of leadership and high moral character, have exhibited a definite aptitude and interest for the military service, and have attained an overall academic standing in the upper half of their college class and the upper third of their ROTC class. Each student designated a DMS may apply for a commission in the Regular Army.

## DMCS. (DISTINGUISHED MARINE CORPS STUDENT.)

The DMCS is awarded to Senior PLC (PLATOON LEADERS CLASS) who possess outstanding qualities of leadership and a high degree of professionalism. These students have completed Officer Candidate school, have attained an academic rank in the upper half of his/her class and in the upper third of his/her ROTC class.

## DISTINGUISHED MUSICIAN AWARD

A cash award is made annually to the student who makes a continued outstanding contribution to and achievement in the music program.



## **GOOD CONDUCT AWARD**

This bar is awarded to ROTC students at the end of their first year based upon their compliance with regulations formulated by the Professor of Military Science and the Commandant of Cadets.

## **HAWKINS CITIZENSHIP AWARD**

This award in the form of a key is given each year to a graduating senior selected by the entire faculty who has been outstanding in general campus citizenship. The senior's name is engraved on a plaque which remains with the college in honor of those who have been selected.

## **MERITORIOUS LEADERSHIP ACHIEVEMENT AWARD**

The Commanding General, U.S. Army First ROTC Region, annually awards a Certificate of Meritorious Leadership Achievement to the ROTC student who has demonstrated the most outstanding qualities of leadership during the academic year.

## **MEYER-RAEBURN AWARD**

In memory of Abner A. Raeburn, this award is presented to the cadet who has displayed strong moral and ethical concepts, courtesy in his behavior, and respect for recognized authority.

## **MILITARY HISTORY AWARD**

The Association of the United States Army presents an award annually for excellence in the study of military history in ROTC units.

## **OAKES-FREEMAN ACHIEVEMENT AWARD IN BUSINESS ADMINISTRATION**

Annually, at the Honors Night Assembly, a \$100 Series E United States Government Bond will be awarded to the Business Administration or Business Education major graduating with the highest grade-point average for the entire four-year program of study determined at the close of the winter quarter.

## **THE LAMAR PITTARD MEMORIAL AWARD**

This award was established in 1973 in memory of Captain Lamar Pittard, a 1968 graduate of North Georgia College, who was accidentally killed in Germany in 1972.

While a student at North Georgia College, Captain Pittard was a proud member of the Blue Ridge Rifles Drill Team. Because of high interest in the Drill Team, and his desire to perpetuate its goals, this award has been established by his family to annually recognize the outstanding member of the Blue Ridge Rifles.

The award consists of an appropriately engraved trophy and a monetary award (savings bond) presented to the recipient each year during Parents' Day Ceremonies. Additionally, a larger plaque will be on permanent display at the College recognizing past recipients.

## **SILER SCHOLARSHIP PLAQUE**

This award is presented annually to that student who has earned the highest quality-point ratio for not less than 75 quarter hours at North Georgia College.

## STEWART MEMORIAL AWARD

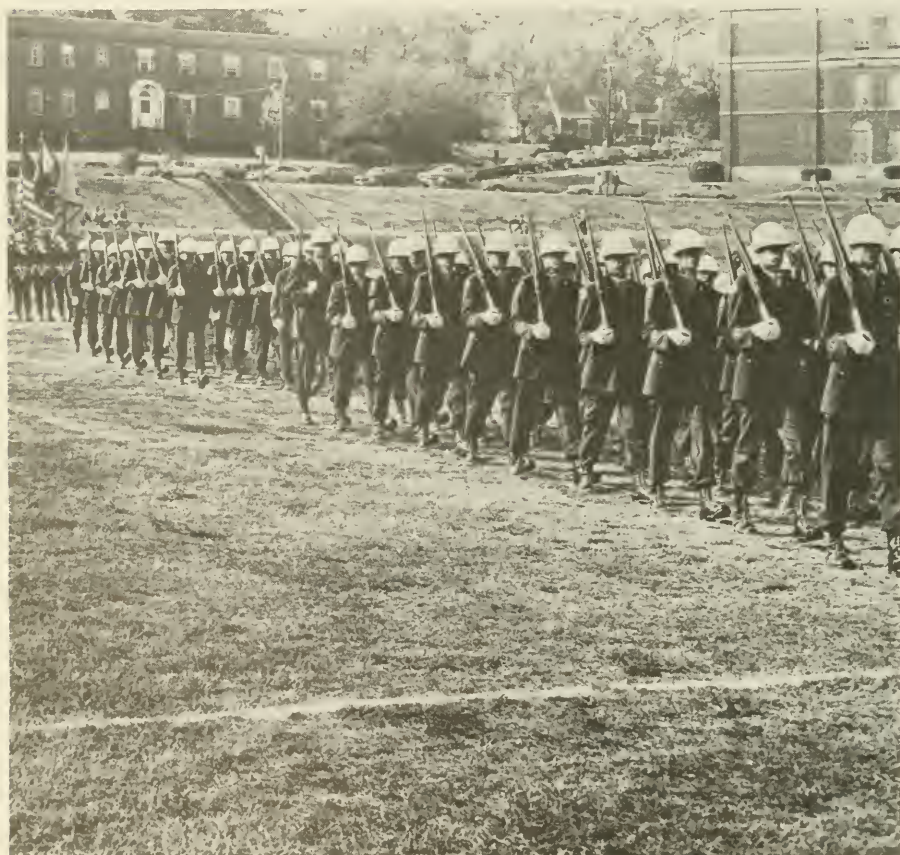
Established by the family of the late Joseph S. Stewart, former President of North Georgia College, this award will be presented annually to the outstanding senior athlete who has best exemplified the outstanding characteristics most desirable of a North Georgia College student.

## THE WALL STREET JOURNAL AWARD

This award is given annually to the graduating senior in Business Administration or Business Education who has demonstrated superior classroom leadership.

## WHO'S WHO IN AMERICAN COLLEGES AND UNIVERSITIES

Members of Who's Who are selected from the Junior and Senior Classes and graduate students on the basis of scholarship; service to the College, contribution to and leadership in campus extra-curricular activities; and spirit and degree of cooperation with administration, faculty, and fellow students in furthering general college policies and ideals.



# ACADEMIC REGULATIONS



# ACADEMIC REGULATIONS

It is the responsibility of the student to be familiar with the academic regulations of North Georgia College.

Each student is urged to read the regulations carefully and to seek interpretation from his academic adviser or from the Office of the Dean in the event that there should be any questions.

## COLLEGE HONOR

At North Georgia College, a sense of self-respect, dependability, and high honor prevails. Hence, any degree of dishonesty in areas of academic work, or the giving or receiving of unauthorized help in any quiz, test, or examination is regarded as one of the most serious offenses that can be committed against the honor of the college and the student group.

## ACADEMIC CREDITS

Credits are expressed in terms of quarter hours. One quarter hour is the credit given for the work of one hour per week throughout one quarter. A course that is taken five times a week for one quarter is equal to five quarter hours. Laboratory science and some courses in other disciplines carry credit value of one hour for each lecture period and one hour for each required laboratory period.

## UNIFORM GRADING SYSTEM

*Uniform Grading System.* All institutions of the University System of Georgia shall be on a 4.0 grade point average system. The following grades are approved for use in institutions of the University System of Georgia and are included in the determination of the grade point average:

A	— Excellent	4 quality points per quarter hour
B	— Good	3 quality point per quarter hour
C	— Satisfactory	2 quality point per quarter hour
D	— Passing	1 quality point per quarter hour
F	— Failure	No quality point per quarter hour
WF	— Withdrew,	No quality point per quarter hour

The following grading symbols are approved for use in the cases indicated, but will not be included in the determination of the grade point average.

- I — This symbol indicates that a student was doing satisfactory work but, for non-academic reasons beyond his control, was unable to meet the full requirements of the course. If an "I" is not satisfactorily removed after one quarter of residence, the symbol of "I" will be changed to the grade "F" by the appropriate official. Under special circumstances, this period of time can be increased with the approval of the department head and the academic dean.
- IP — In Progress (for Special Studies only)
- W — This symbol indicates that a student was permitted to withdraw without penalty. Withdrawals without penalty will not be permitted after the midpoint of the total grading period except in cases of hardship as determined by the appropriate official of the respective institution.
- V — This symbol indicates that a student was given permission to audit this course. Students may not transfer from audit to credit status or vice versa.
- K — This symbol indicates that a student was given credit for the course via a credit by examination program.



## CUMULATIVE GRADE POINT AVERAGE

*Cumulative Grade Point Average.* The cumulative grade point in each institution of the University System of Georgia will be calculated by dividing the number of hours scheduled in all courses attempted in which a grade of A, B, C, D, F, or WF has been received into the number of grade points earned on those hours scheduled. The cumulative grade point average will be recorded on the student's permanent record.

For graduation, every candidate for a degree must complete a minimum of 185 quarter hours of academic work, exclusive of Basic Physical Education. The student must have a minimum contract grade point average of 2.0 on all work presented for graduation, including Basic Physical Education

## CHANGES IN GRADES

All grade changes must receive the approval of the Dean before they can be recorded by the Registrar. Any grade will be changed upon a written statement by the instructor that the grade reported was in error.

A candidate for graduation who makes a grade of F in his or her last year in an upper-division course necessary for a degree may have the privilege of one re-examination provided there is no opportunity to repeat the course and the approval of the instructor, the head of the student's major department and the Dean of the College is secured. Grades in not more than two courses may be changed by this method.

## CHANGES IN PROGRAMS OF STUDY

Lower-division study programs are changed only by the permission of the Dean of the College upon recommendation of the Academic Advisor. Upper-division study programs are changed only by written authorization from the Head of the Department concerned and the Dean.

Changes in study programs should be made during the first three days of the quarter. Withdrawal from a course after the first three days will result in a grade of W (withdrawal, passing) or WF (withdrawal, failing) as determined by the instructor. The courses with grades of WF and F are included in computing grade-point ratio, but grades of W are excluded

Conflicts in schedules are resolved by the Registrar of the College. Students are held responsible for unauthorized changes of schedule, which may result in a loss of college credit.

## CLASSIFICATION OF STUDENTS

For enrollment in the Sophomore Class, a student must have passed 45 quarter hours of work; in the Junior Class, 90 quarter hours, the Senior Class, 135 quarter hours.

## GRADE REPORTS

At mid-quarter, a report of unsatisfactory grades (D or F) is sent to all students. At the close of each quarter, a report of the student's work is sent directly to the student at his/her home address.

## ACADEMIC PERFORMANCE GUIDELINES

Every student at North Georgia College is encouraged to achieve the highest level of scholarship. Since a grade point average of 2.0 or better is required for graduation, this should be regarded as the minimum satisfactory level of academic achievement.



In order to give the student a reasonable opportunity to meet the requirements for graduation, the following policies have been established:

Any student whose grade point average does not meet the following minimum standards will be referred to the Academic Review Committee, which may recommend probation or suspension.

45 quarter hours	1.5 grade point average
90 quarter hours	1.7 grade point average
135 quarter hours	1.9 grade point average

In addition, a student initially enrolled for ten quarter hours or more must earn credit in at least one five-hour course to be eligible to register for the succeeding quarter.

## PROBATION AND SUSPENSION

A student who is placed on probation must remove the probationary status while officially enrolled in and attending classes at North Georgia College. Probation can be removed by achieving the required minimum standards on hours earned and grade point average as outlined above.

While on Academic Probation, any student who earns fewer than 10 hours credit and 15 quality points shall not be eligible to register for the following quarter. If a student remains on Academic Probation for three successive quarters and fails to remove himself from Probation at the end of the third quarter, he will not be eligible to re-enter the following quarter.

Students suspended at the end of the Spring Quarter will not be eligible for re-admission until the Winter Quarter of the following year.

Students who fail to meet the above regulations because of illness or because of an approved sub-normal load may receive such special consideration as their cases merit.

Work undertaken at another institution by a student under academic suspension cannot be transferred at a later date for credit toward a degree at North Georgia College.

After a student has been suspended, it will be necessary that he submit an application for re-admission to the Director of Admissions before his return to the institution can be considered.

## STUDENT LOAD

A student who is initially registered for twelve quarter hours or more will be classified as a "full-time" student.

A normal or average student load is from fifteen to eighteen hours exclusive of Military Science and basic Physical Education.

A freshman student whose high school record and entrance tests indicate inadequate preparation may be advised to carry a reduced load during the adjustment to college level work.

## COURSE-LOAD VARIATIONS

A student wishing to carry a schedule other than the normal load may file a written request with the Registrar for

- (1) Fewer than 10 academic hours, exclusive of basic Physical Education and basic Military Science.
- (2) An increase in the normal load when there is difficulty in making up a practical schedule or when a satisfactory program demands it.
- (3) In no case will the college authorize a load in excess of 21 quarter hours, exclusive of basic Physical Education and Military Science.

- (4) Except for the senior student whose schedule is required for anticipated graduation, no overloads will be authorized for students who do not have the 2.0 grade-point average.

A student who reduces his load to fewer than five hours after the quarter has begun, exclusive of Military Science and Physical Education, will be withdrawn from the institution. This regulation does not apply to Special Students.

## CLASS ATTENDANCE

If a student misses more than twenty percent of the scheduled class periods in a given course for any reason, he may be dropped from the course by the instructor.

The student will be responsible to his instructor for work missed because of absence from class for any reason.

## ELIGIBILITY FOR EXTRACURRICULAR ACTIVITIES

To be eligible for intercollegiate activities, the student must be enrolled in a minimum of 12 credit hours at the time of participation and accumulate a total of 24 credit hours in the two terms of attendance immediately preceding the term of participation. The second term student, i.e. freshman, must have passed 12 credit hours in his first term of attendance.

Except where required as part of class work in a course in which he is registered for credit, a student on academic probation is not eligible to participate in any extracurricular activity in which he would represent North Georgia College.

The special eligibility requirements for editor or business manager of student publications is an academic average of C for the preceding quarter. This applies both for appointment and for continued tenure.

## TRANSIENT STUDENT PERMISSION

Any student may apply to the Office of the Registrar in writing for authorization to complete certain courses in another college or university as a transient student. This application must be approved by the Registrar before enrollment in the course. If a major sequence has been chosen, the application must also be approved by the Head of the Department concerned. Transient student permission will not be granted to students on academic probation or for the purpose of repeating courses.

## CREDIT BY EXAMINATION

"Credit By Examination is essentially the awarding of credit for theoretical knowledge gained outside of the traditional classroom situation." (Credit By Examination, Proceedings from Workshops in the West, 1971).

North Georgia College offers Credit By Examination upon approval of the academic department concerned and the Dean of the College when scores on nationally standardized examinations (CLEP, etc.) or other academic experience strongly indicates that the student has acquired the information or skills related to given courses of instruction offered by the college.

Credit awarded by examination can be given only for courses officially approved for academic credit by the college. This credit carries no academic grade and is not computed into the grade point average.

In no instance will the college award more than 45 hours of Credit By Examination.

Application forms for Credit By Examination are available in the Office of the Dean, North Georgia College, Dahlonega, GA., 30597.

## REQUIREMENTS FOR GRADUATION

For interpretation of the requirements for graduation, the student is urged to seek advice from his academic adviser or from the Office of the Registrar. It is the responsibility of the student to be familiar with these requirements for graduation.

### CORE CURRICULUM

North Georgia College, as a unit of the University System, has implemented the University System Core Curriculum in order to satisfy requirements for the degree. The Core Curriculum is divided into four basic areas:

- I. Humanities, including, but not limited to, grammar and composition and literature ..... 20 hours  
English 101-102 (10 hours)  
English 203, 204, 205, 206, 207 (5-10 hours)  
Where only five hours of the above literature courses are selected, Fine Arts 252, Music 205, Art 150, and Art 151 or any appropriate course in the Modern Languages may be substituted to fulfill the remaining five hours.
- II. Mathematics and the natural sciences, including, but not limited to, mathematics and a 10-hour sequence of laboratory courses in the biological or physical sciences ..... 20 hours  
The following courses may be considered to fulfill the requirements in Math: Math 101, 102, 113H, 119, 120, 122H, 245.  
The 10-hour science requirement must be taken in sequence and may be fulfilled by any of the following block of courses. Astronomy 104, 105, Biology 101-102 or 101-103, Chemistry 101-102, 101-103; Chemistry 115-116; or Chemistry 121-122; Physics 101-102; Physics 115-116; Physics 223-224- or Physics 223-225.  
In order to complete 20 quarter hours, the student may take any additional five hours of course work in Biology, Chemistry, Computer Science, Mathematics or Physics at the 100-200 level.
- III. Social Sciences, including, but not limited to, history and American Government ..... 20 hours  
The following courses may fulfill requirements in this area:  
100-200 level courses in history; Political Science 101; Anthropology 100; Psychology 101, 205, Sociology 100, Sociology 201, BA 221, 222.
- IV. Courses appropriate to the major field of the individual students .... 30 hours

### BASIC PHYSICAL EDUCATION

All students are required to take six courses in basic physical education as a part of the requirements for graduation. See "Required Physical Education for Women and Men", Department of Physical Education.

### MILITARY SCIENCE INSTRUCTION

Since North Georgia College is a Military College, graduation of cadets includes the requirement for successful completion of 18 hours of Military Science instruction unless exempted by the Dean of the College upon the recommendation of the Professor of Military Science. For the fulfillment of this requirement, all cadets, including those transferring in from other institutions, are required to successfully complete a Military Science class each quarter.

## REGENTS TESTING PROGRAM

An examination to assess the competency level in reading and writing of all students enrolled in undergraduate degree programs in University System institutions shall be administered. The following statement shall be the policy of the Board of Regents of the University System of Georgia on this examination.

Each institution of the University System of Georgia shall assure the other institutions, and the System as a whole, that students obtaining a degree from that institution possess literacy competence, that is, certain minimum skills of reading and writing.

The Regents' Testing Program has been developed to help in the attainment of this goal. The objectives of the Testing Program are: (1) to provide systemwide information on the status of student competence in the areas of reading and writing, and (2) to provide a uniform means of identifying those students who fail to attain the minimum levels of competence in the areas of reading and writing.

Passing the Regents' Test is defined as having passed all components of the Test by scoring above the cutoff score specified for each component. The Test may be administered either in its entirety or as one or more components depending on the needs of the students. If one component of the Test is passed, that component need not be retaken; this provision is retroactive to all students who have taken the Test in any form since the inception of the program.

The intent of this policy is that passing the Regents' Test occur before the end of the student's sophomore year, that is, before the completion of 105 hours of degree credit. Students who fail the test must retake and pass the Test. Each institution shall provide an appropriate program of remediation and shall require deficient students to participate in that program prior to retaking the test.

A student holding a baccalaureate or higher degree from a regionally accredited institution of higher education will not be required to complete the Regents' Test in order to receive a degree from a University System institution.

Students enrolled in undergraduate degree programs shall pass the Regents' Test as a requirement for graduation. Students, including transfer students and/or readmitted students, may take the Test after they have completed the required basic core English courses. They may be required to take the Test in the quarter after they have earned 45 hours of degree credit if the Test has not been passed previously. Institutions, however, may not delay initial testing beyond the student's having earned the 60th hour of degree credit.

All students who have taken and have not passed the Regents' Test during the quarter in which they will have earned 75 hours of degree credit shall take the appropriate non-degree credit course or courses in remedial reading and/or remedial writing in each quarter of attendance until they have passed all components of the Test.

Having passed the Regents' Test shall not be a condition of transfer into an institution. All transferring students from within the System shall be subject to all provisions of this policy. Students from institutions outside the System who transfer into a System institution with 60 or more degree credit hours shall take the Test during the initial quarter of enrollment and in subsequent quarters shall be subject to all provisions of this policy.

Students whose mother tongue is other than English may be exempted from taking the Regents' Test by the institution provided appropriate local procedures are employed to certify the literacy competence of those students earning a degree.

A student may request a formal review of his/her failure on the essay component of the Regents' Test if that student's essay received at least one passing score among the three scores awarded **and** if the student has successfully completed the courses in English composition required by the local institution. This review will be conducted in accordance with Board approved procedures.

## SENIOR MAJOR EXAMINATION

The University System of Georgia requires that all seniors take a comprehensive examination in their major academic field as a requirement for graduation.

## STUDENT TESTING

The college affirms its prerogative to require all students to take any examination which may, from time to time, be required for institutional or University System evaluation and to assess each student for the cost of such examination.

## FOREIGN LANGUAGE REQUIREMENTS

Language, where required for the degree, unless so stated elsewhere, should be started no later than the beginning of the second year.

In the arts and sciences, (i.e., all those fields in which a B.A. or B.S. degree is earned, with the exception of Criminal Justice, Education, Physical Education, Craft/Marketing, and Recreation) the foreign language requirement is 20 hours in one language for the B.A. degree and 15 hours in one language for the B.S. degree.

In the area of Psychology, where a quantitative background is desired, a student may substitute 5 hours of statistics for the final 5 hours of language.

The Foreign Language Requirement is optional in Dual Degree Programs with Georgia Tech and with the three-year pre-medical degree program.

Students offering two high school units in a foreign language will be admitted to the third course (211) of that language, thereby reducing the foreign language requirements for such students to ten quarter hours. If the student wishes to take the 101 and 102 sequence in his high school language, he will receive no credit for these courses.

The student is advised to commence fulfillment of the language requirements as soon as possible. Failure to do so may lead to a delay in graduation, since the sequence of language courses is not offered from the beginning level every quarter. A failing grade in any given course may, therefore, delay a student as much as one year.

All R.O.T.C. scholarship students must agree to successfully complete at least one quarter of a Foreign Language as a condition of their scholarship. In accordance with the policy of the Department of the Army, North Georgia College encourages all of its R.O.T.C. students, scholarship and non-scholarship, to complete at least four quarters of foreign language training.

## MAJORS AND MINORS

By the time a student has accumulated ninety quarter hours credit, he should have decided upon a field of study. At least fifty quarter hours credit must be successfully completed in this field.

Within the field and under the direction of the department head, the student selects a departmental major of at least thirty quarter hours and a closely-related departmental minor of at least twenty quarter hours.

The student must maintain a minimum average of 2.0 in his field of study.

In the field, both required and elective courses must be approved by the student's adviser and by the Dean. The program then becomes a requirement for the degree. All approvals must be in writing and filed in the Office of the Registrar.

No major or minor may be changed without written recommendation from the major professor and approval by the Dean. Such changes will usually not be permitted later than



the third quarter of the junior year. The change will probably result in loss of credit required for the degree and may necessitate an additional quarter or more to meet the outlined requirements of the proposed new program.

## CANDIDACY FOR THE DEGREE

Membership in the Senior Class does not within itself imply candidacy for the degree. Before the degree can be conferred, all indebtedness to the college must be met and published requirements for the particular degree fulfilled. Responsibility for meeting these requirements rests upon the student, and each candidate should check his program for graduation with the Registrar. Formal written application for the degree must be filed with the Registrar at least six weeks before the student expects to complete the outlined degree requirements. Special forms for this application may be secured from the Registrar.

a For the Bachelor of Arts Degree, the Bachelor of Business Administration Degree, the Bachelor of Science Degree, and the Bachelor of Social Work Degree, the student must complete the requirements of the core curriculum, must fulfill the major and minor requirements, and offer sufficient approved elective courses to bring the total number of credit hours to at least 185, excluding basic Physical Education and basic Military Science, but to include for all cadets 18 hours in advanced Military Science or equivalent academic courses approved by the Dean.

b A Georgia law requires that all candidates for a degree from an institution supported by public funds shall pass an examination "of the History of the United States and the History of Georgia," and an examination "upon the provisions and principles of the United States Constitution and the Constitution of Georgia." The Social Science Department will administer these examinations upon written request from the student and at such time and place as convenient to the student and the Department. However, the requirements for instruction in the above areas can be met by satisfactorily completing Political Science 101 (for the state and national Constitutions) and History 100 (for the state and national history).

c. A student must receive a grade of C or higher in English 101 in order to be eligible for an Associate or Baccalaureate degree.

d A student must complete the last forty-five quarter hours in residence prior to the awarding of the degree. In special instances, students may be allowed to take transient courses for elective credit during the last forty-five quarter hours with the approval of the Department Head and the Dean.

e. Graduation depends upon quality of work done as well as quantity. A student must have a minimum grade-point average of 2.0 on all work presented for graduation, including basic Physical Education and basic Military Science. A minimum average of C must be maintained during the last three quarters, regardless of the number of quality points previously earned. Not more than 25 percent of the credits for graduation may be of D grades.

f No student may be declared a graduate of the college until all requirements for entrance and for graduation have been met, the degree conferred, and the diploma awarded. Each candidate must be present at graduation unless excused in writing by the Dean.



# COURSES OF STUDY



# COURSES OF STUDY

## PRE-PROFESSIONAL PROGRAMS

**PRE-LAW** A legal education requires a liberal-arts background of a broad scope. The well prepared beginning law student may have majored in any one of several subject matter areas. But regardless of his major, he will have to learn to communicate effectively by written and oral expression. Since the life of the law has been experience, a knowledge of the history of human development is essential. The law is executed through government, and a knowledge of political institutions and processes is invaluable. The law is shaped by many social forces, and courses in sociology, psychology, economics and related courses are recommended. In brief, a broad liberal arts program is preferable to a narrow concentration in a few subject matter areas.

Most law schools now require an undergraduate degree for admission. Therefore, during the first two years the pre-law student should concentrate on courses leading to a baccalaureate degree. The pre-law adviser will assist the student in selecting courses from the following

English (20 hours)	Political Science (5 hours)
Science (10-15 hours)	Psychology (5 hours)
Math (5-10 hours)	Military (for military students)
History (10 hours)	Basic Physical Education
Modern Languages (see Language Requirements)	

The pre-law student is expected to declare a major after the first two years of study.

**PRE MEDICINE:** The pre-medical student may earn a degree in any field of concentration offered at North Georgia College. Normally, the pre-medical curriculum requires a minimum of 75 quarter hours of physical science in order to satisfy requirements for admission to medical college. However, pre-medical students are urged to develop strong backgrounds in the humanities and social sciences.

A student may apply for admission to medical college at the end of three years, provided minimum requirements for admission have been satisfied. Preference is given, however, to those students who have completed a baccalaureate program. The pre-medical course of study is provided to allow those students admitted to an accredited medical college at the end of three years to use credits earned during the first year of medical college to complete requirements for a degree from North Georgia College. Students who are admitted to medical college after four years must meet all requirements for a degree at North Georgia College. The pre-medical program is designed to provide counseling and to aid students in preparing for a medical career. It is not an academic major.

Specific courses for the pre-medical student will be assigned by the pre-medical adviser during the freshman and sophomore years. Courses will be assigned by the student's major professor with the approval of the pre-medical adviser during the junior and senior years.

# THREE YEAR PRE-MEDICAL PROGRAM

## CORE CURRICULUM REQUIREMENTS

### AREA I — HUMANITIES

	HOURS CREDIT
English 101, 102	10
English 203, 204, 205, 206, 207	5-10
Modern Language	0-5

### Area II — MATHEMATICS AND NATURAL SCIENCE

	HOURS CREDIT
Mathematics 101, 102 or 119-120	10
Sciences (one ten-hour sequence)	10
Biology 101-102	
Chemistry 121-122	
Physics 223-224	

### AREA III — SOCIAL SCIENCE

	HOURS CREDIT
Political Science 101	5
100 or 200 level History	5-15
Courses from Psychology 101, 205, Sociology 100, or Anthro- pology 100	0-10

### AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD

	HOURS CREDIT
Chemistry 121, 122, 123	0-15
Biology 101, 102, 220	0-15
Physics 223, 224, 225	0-15

**ELECTIVES** — (to bring the total number of credit hours to at least 135 exclusive of basic Military Science and Physical Education)

**NOTE** - Prerequisites for entrance to the Medical College of Georgia require that the 135 hour total include the following

Chemistry	30 quarter hours
Biology	25 quarter hours
Physics	15 quarter hours
English and Humanities	15 quarter hours

A student who wishes to receive a degree from North Georgia College under the three year pre-medical program must fulfill the requirements for the Core Curriculum outlined above. The program outlined above does not apply to students who graduate from the College after more than nine academic quarters of attendance.

**PRE-MEDICAL TECHNOLOGY:** North Georgia College offers a three year pre-medical technology program. The college is affiliated with several hospitals whose schools of medical technology are approved by the American Society of Clinical Pathologists. After the satisfactory completion of the required year of training in one of these schools, North Georgia College will grant the Bachelor of Science Degree.

### GENERAL EDUCATION REQUIREMENTS:

Physical Education; Basic Military for military students; English 101-102, English 203, 204, 205, 206, 207 (any two), History 101, 102, 103 (any two), Political Science 101, Physics 223, Psychology 101, Mathematics 101-102 or 113H

**LANGUAGE REQUIREMENT:** German or French 101-102-211 or 211-212.

**BIOLOGY MAJOR:** Biology 101-102, 340 and four other courses approved by the Head of the Biology Department.

**CHEMISTRY MAJOR:** Chemistry 121, 122, 123, 230, 204 and 311

**OTHER REQUIREMENTS:** Advanced Military Science (18 hours) for Military Students, and History 100\*

\*This requirement can be satisfied by successfully passing an examination on American and Georgia history administered by the Department of Social Science



**SENIOR PRE-MEDICAL TECHNOLOGY:** A student having completed the program outlined above, and who remains at North Georgia College for the fourth year, should complete a major in biology or chemistry and take other courses as advised by the faculty head of the department in which the student has selected a major. At least 45 quarter hours must be completed during the senior or fourth year

#### **PRE-VETERINARY MEDICINE**

##### **GENERAL EDUCATION REQUIREMENTS:**

English 101, 102 and 203, 204, 205, 206, 207 (any two); History 100; Political Science 101; Physics 223 and 224, Mathematics 101, 102.

**BIOLOGY MAJOR:** Biology 101, 102, 220, 321, and 350.

**CHEMISTRY MAJOR:** Chemistry 121, 122, 311, 331, 332.

**OTHER REQUIREMENTS:** Advanced Military Science (18 hours) for Military Students, and History 100\*

### **TWO-YEAR PRE-PROFESSIONAL ALLIED HEALTH PROGRAMS**

North Georgia College offers two-year pre-professional work in the following Allied Health programs: Dental Hygiene, Medical Records, Nursing, and Physical Therapy. The following courses may be transferred for further work in these disciplines.

#### **DENTAL HYGIENE**

##### **GENERAL REQUIREMENTS:**

Biology 101, 102; Chemistry 121; Speech 211, English 101, 102; English 203, 204, 205, 206, 207 (any one); History 100, 101, 102, Mathematics 101; Political Science 101, Sociology 100; Electives to complete 90 hours.

#### **MEDICAL RECORDS**

##### **GENERAL REQUIREMENTS:**

Biology 101, 102, 250, 251; Chemistry 121; English 101, 102; English 203, 204, 205, 206, 207 (any two); Business Administration 10 hours; History 100; Mathematics 101, Political Science 101; Psychology 101; Electives to complete 90 hours.

#### **MEDICAL TECHNOLOGY**

##### **GENERAL REQUIREMENTS:**

Biology 101, 102, 250, 251, 280; Chemistry 121, 122, 123, 230; English 101, 102, English 203, 204, 205, 206, 207 (any two); History 100; Political Science 101; Psychology 101; and History 111; Mathematics 101, Physics 101 or 223.

**OTHER REQUIREMENTS:** Military Science for military students and Physical Education for all students.

#### **NURSING**

Pre-professional Nursing students should be advised by the Nursing faculty

## PHYSICAL THERAPY

### GENERAL REQUIREMENTS:

Biology 101, 102, 321; Chemistry 121, 122, English 101, 102; English 203, 204, 205, 206, 207 (any two); History 100; Mathematics 101; Psychology 101, Physics 223 and 224 or 225; Political Science 101, Sociology 100; Electives to complete 90 hours.

## PRE-DENTAL (TWO YEARS)

The minimum requirements for admission to dental school are at least 90 quarter hours.

### GENERAL REQUIREMENTS:

English 101-102, English 203, 204, 205, 206, 207 (any two); Biology 101-102; Mathematics 101-102 or 119-120; Chemistry 121-122, 331, 332; Physics 223 and 224 or 225; Electives to complete 90 hours.

## PRE-PHARMACY (TWO YEARS)

### GENERAL REQUIREMENTS:

Biology 101, 102; Chemistry 121, 122, 123, 331, 332; Fine Arts 252; English 101, 102, Physics 223, 224, Mathematics 119; History 101, Political Science 101; Speech 211.

*OTHER REQUIREMENTS:* Electives to complete 90 hours

## PRE-FORESTRY

Pre-forestry students should be advised by the Biology faculty from the first year.

# DEPARTMENT OF BIOLOGY

Mac A. Callaham, Department Head

## MAJOR IN BIOLOGY

### CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101, 102, 119, 120, 240, 245	10
Courses from English 203, 204, 205, 206, 207	10	Sciences: (one ten-hour sequence) Chemistry 101-102 or 121-122, Physics 223-224, or 223-225	10
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Biology 101-102	10
100-200 level History courses	5-15	French, German or Spanish	10-15
Courses selected from the following: 0-10		Chemistry 101-102 or 121-122	0-10
Anthropology 100		Physics 223-224, or 223-225	0-10
Psychology 101, 200		Biology 220, 221, 222	0-10
Sociology 100, 201			
Business Admin. 221, 222			
COURSES IN THE BIOLOGY MAJOR			45
Biology 220, 222, 320, 350; any two of the following: Biology 321, 326, 480, plus three courses at the 300/400 level chosen under the direction of the Head of the Department			
COURSES IN THE MINOR			25-30
Biology majors should minor in Chemistry, Mathematics, Physics, or Psychology (requirements for the minor are listed in each departmen- tal offerings).			
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)			
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)			18
BASIC PHYSICAL EDUCATION REQUIREMENTS			6
MODERN LANGUAGE REQUIREMENTS: German or French 101-102-211; or 211-212, preferred, Spanish acceptable			10-15
U.S. AND GEORGIA CONSTITUTION REQUIREMENT			
U.S. AND GEROGIA HISTORY REQUIREMENT			

### MAJOR IN BIOLOGY — SECONDARY EDUCATION

(For Core Curriculum Requirements see academic advisor.)

**NOTE:** Biology-Secondary Education Majors may substitute 10 hours of science for for-  
eign languages.

COURSES IN THE MAJOR	
Biology 220, 222, 315, 320, 321, 326, 350	35

Chemistry 121, 122	10
Physics 223 and 224 or 225	10
Other Requirements: P.E. 309, 390 and Special Education 360	11
PROFESSIONAL EDUCATION SEQUENCE	
Education 204, 305, 311C, 421C, 431C	35
ELECTIVES (to bring total number of credit hours to at least 185 exclusive of Physical Education)	
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

### MINOR IN BIOLOGY

Biology 220, 221, 320 and one other course as approved by the Head of the Department.

20

## COURSES IN BIOLOGY

101. **GENERAL BIOLOGY.** 5 hours  
*Fall, Winter, Spring and Summer Quarters.*

An introductory course presenting the fundamental principles of life with special emphasis upon cellular organization and control followed by the evolutionary and ecological relationships of monerans, protists, and plants. Laboratory work includes the skills and processes of science, microscopic study of cell structure and function, applications thereof, and a brief survey of major plant groups. Four lectures and one two-hour laboratory per week.

102. **GENERAL BIOLOGY.** 5 hours  
*Fall, Winter and Spring quarters.*

Prerequisite: Biology 101. A survey of the structural, functional, evolutionary and ecological relationships in the major animal phyla with emphasis on the study of the body systems, inheritance, and development of man. Laboratory work includes a survey of the major animal phyla, dissection of a vertebrate, and experiments in human physiology. Four lectures and one, two-hour laboratory per week.

03. **ENVIRONMENTAL SCIENCE.** 5 hours  
*Spring Quarter.*

Prerequisite: Biology 101 or by permission of instructor. A survey course in the fundamentals of ecology and the application of ecological principles to certain current problems and issues in society. The laboratory will include field investigations and laboratory experimentation as well as trips to appropriate locations demonstrating concepts being studied. Four lectures and one two-hour laboratory per week.

20. **INVERTEBRATE ZOOLOGY.** 5 hours  
*Fall and Spring Quarters.*

Prerequisites: Biology 101 and 102 or by permission of Head of Department. This course precedes other upper-level courses in the department. The structure and activities of lower animals will be stressed. The student will acquire dissection techniques and a knowledge of the phylogenetic

relationships of the invertebrate animals. Three lectures and two, two-hour laboratory periods per week.

- 221, 222. BOTANY. 5, 5 hours**  
*Fall and Winter Quarters.*  
Prerequisite: Biology 101 or by permission of Head of Department. A survey of the plant kingdom with emphasis upon the economic plants. Botany 221 deals primarily with the structure and physiology of seed-bearing plants. Botany 222, a continuation of Botany 221, places emphasis on development, reproduction, and relationships. Four hours of lecture and one, two-hour laboratory period each week.
- 250, 215. HUMAN ANATOMY AND PHYSIOLOGY. 5,5 hours**  
*Fall and Winter.*  
A systematic study of the structure and function of the human body, beginning with a detailed examination of cell and tissue organization and proceeding through all the organ systems. The laboratory utilizes human models, animal dissections, human tissues and organs, and the equipment involved with the study of physiological processes. Four lectures and one, two-hour laboratory per week.
- 280. MEDICAL MICROBIOLOGY: INFECTION AND IMMUNITY. 5 hours**  
*Spring Quarter*  
Prerequisites: Biology 101 and 102 or 250 and 251. A course designed for students preparing for medical and public health related fields. The course will include a basic background in microbiology with emphasis on practical technique and methods used in this field and on the epidemiology, pathology, diagnosis, immunology and therapy of microbial diseases of public health significance. The laboratory will involve the use of living microbes to develop skills in isolation, identification, cultivation and differential testing. Three lectures and two, two-hour laboratory periods per week.
- 301. LOCAL FLORA (Botany). 5 hours**  
*Spring Quarter.*  
Prerequisites: Biology 221 and 222. A study in identification and recognition of local plants. Three hours of lecture and two, two-hour laboratory periods per week.
- 310. HUMAN FORM AND FUNCTION. 5 hours**  
An individual human anatomy and physiology course designed for physical education majors which deals primarily with the human skeletal, muscular, nervous, circulatory and respiratory systems. Laboratory study will include detailed study of charts, models and the dissection of a mammal using a systems approach. Four hours of lecture and one two-hour laboratory per week.
- 315. SEMINAR IN TEACHING OF BIOLOGY. 5 hours**  
*Winter Quarter*  
Prerequisites: Biology 101 and 102 and a minimum of three 200-400 level Biology courses. A seminar in techniques and procedures for illustrating central concepts in Biology. A survey of the history of science education and a consideration of modern perspectives in Biology are also included. This course is recommended for secondary education majors in Biology but is available to all who wish to gain insight into teaching in the Biological Sciences. The course consists of two one-hour and two two-hour meetings per week.



320. **GENETICS.** 5 hours  
*Winter and Summer Quarters.*  
 Prerequisite: Biology 102, or by permission of the Head of the Department.  
 A study of the principles of heredity in plants and animals, with applications to human heredity. Four lectures and one, two-hour laboratory period per week.
321. **COMPARATIVE ANATOMY OF THE VERTEBRATES.** 5 hours  
*Winter Quarter.*  
 Prerequisite: Zoology 220. A course especially for pre-medical students and biology majors who need preparation for more intensive study of human anatomy. Representative vertebrates will be dissected and studied in the laboratory. Three lectures and two, two-hour laboratory periods per week.
323. **PARASITOLOGY.** 5 hours  
 Prerequisite: Biology 220 or by permission of Head of Department. A course for biology majors and those in the pre-professional medical programs. The course will include a detailed study of the nature of parasitism, the classification, morphology and life histories of animal parasites and the epidemiology, pathology and treatment of parasitic diseases of man, domestic animals and other selected hosts. Three hours of lecture and two, two-hour laboratory periods per week.
324. **INTRODUCTORY MICROBIOLOGY.** 5 hours  
*Winter Quarter.*  
 Prerequisites: Two courses in Chemistry and Biology 221. An introduction to the principles of microbiology. The course is designed for students in the pre-professional medical programs and biology majors. The laboratory phase consists of experiments selected to develop proficiency in the microbiological techniques. Three lectures and two, two-hour laboratory periods per week.
326. **ECOLOGY.** 5 hours  
*Spring Quarter.*  
 A study of plants and animals in their relations to each other and to the physical and chemical factors of the environment. Four lectures and one, three-hour laboratory periods per week.
340. **IMMUNOLOGY.** 5 hours  
 Prerequisites: Two courses in Chemistry and Biology 280 or 324 or by permission of the Head of the Department. The course is an introduction to principles of immunology and will include a study of the structure and function of the cells comprising the immune system. The structure and biology of antigens, immunoglobins, complement, and methods for their detection will be emphasized. Laboratory exercises will demonstrate the basic antigen-antibody reactions, antibody titering, and principles for diagnostic immunology. Three lectures and two, two-hour laboratory periods per week.
350. **PHYSIOLOGY.** 5 hours  
*Fall Quarter.*  
 Prerequisites: Biology 220 or 250. An advanced course which explores in detail the function of cells, tissues and organs. Students will examine and evaluate current literature in professional journals and conduct independent experiments which will be reported using an acceptable scientific

format. Laboratory will include introduction to techniques in physiological research. The course meets for four lectures and one two-hour laboratory per week.

440. **EVOLUTIONARY BIOLOGY.** 5 hours  
A study of the principles of evolutionary biology utilizing specific examples. The course will begin with a historical review showing how evolutionary ideas became possible with the growth of biological knowledge. This will be followed by consideration of the mechanisms of evolution and of evolution as a process affecting contemporary organisms including humans. The latter portion of the course will deal with what has happened in the past and how we know about it, and will trace the evolutionary origins of the major groups of plants and animals culminating in a study of human evolution. Four lectures and one two-hour discussion/seminar sessions per week.
470. **ANIMAL HISTOLOGY.** 5 hours  
*Fall Quarter.*  
A study of selected tissues in the organ systems of Vertebrates. Laboratory work involves the microscopic study of Mammalian tissues. In addition, each student will use a number of microanatomic technics to prepare a series of animal tissue slides. Three lectures and two, two-hour laboratory periods per week.
480. **GENERAL EMBRYOLOGY.** 5 hours  
*Spring Quarter.*  
Prerequisite: Biology 321. A study of the germ cells and early development stages of vertebrates. Emphasis is placed on organology of the chick, pig, and man. Three lectures and two, two-hour laboratory periods per week.
490. **INTRODUCTION TO EXPERIMENTAL BIOLOGY.** 5 hours  
*Spring Quarter*  
Prerequisites: Three or more 300 or 400 level Biology courses. A survey of selected biological topics and problems to include techniques of literature search research and report writing for individual and small group investigation. The student also completes a research problem of his choice. The course meets for three lectures and four hours of directed independent study per week.
- 495 a,b,c,d,e. **INDEPENDENT STUDIES.** (each) 1 hour  
Offered on a voluntary basis to qualified biology majors during the junior and senior years by permission of the Head of the Department. The student will pursue advanced study under the supervision of a staff member.

# DEPARTMENT OF BUSINESS ADMINISTRATION

H. Lawrence Dennis, Department Head

The general purpose of the Department of Business Administration is to provide a program of both liberal and specialized education that will prepare our students for beginning useful careers as business leaders or high school teachers.

The specific purposes of the Department of Business Administration are: 1. To provide the knowledge and analytical techniques that are essential to successful employment after graduation; 2. To develop within the student the ability to work with and to lead others; 3. To prepare students for the successful pursuit of graduate study in business administration, accounting, economics, office management, marketing, management, or business education.

## BACHELOR OF BUSINESS ADMINISTRATION DEGREE

Students enrolling in the Department of Business Administration have the option of pursuing a program of studies leading to the Bachelor of Business Administration Degree with a major in accounting, economics, finance, marketing, management, or secretarial and office administration; or leading to the Bachelor of Science Degree with a major in Business Education; or to an Associate in Secretarial Science Degree; or a One-Year Proficiency Certificate in Secretarial Science.

## BUSINESS EDUCATION PROGRAMS

The objective of these programs is to prepare teachers of business subjects for high schools. The program for comprehensive certification is designed to prepare well-qualified teachers of all high school business subjects including shorthand. The program for book-keeping and business management certification is designed to prepare well-qualified teachers of all high school business subjects with the exception of shorthand. Each program provides an appropriate balance of general education, business administration content, secretarial or clerical skills, and professional education courses. Both programs meet the certification requirements of the State Department of Education, and the graduate will be eligible for the T-4 Certificate.

## ASSOCIATE OF SCIENCE DEGREE IN SECRETARIAL SCIENCE

### COURSES

**HOURS  
CREDIT**

English 101, 102	10
Mathematics 101	5
Psychology 101	5
Political Science 101	5
Business Administration 110*, 111, 112, 114**, 115, 116, 118, 216, 221, 222, 231, 232, 251, 261	55-62
Course to satisfy Georgia History Requirement or an elective	5
Electives to bring total number of credit hours to 95 exclusive of basic physical education	

Other requirements: One course in physical education each quarter to include Personal Fitness (PE 103) and Swimming (PE 104)

\*Not open to students having more than one year of high school credit in typewriting  
\*\*Students presenting high school credit in shorthand may substitute an approved course for such high school credit

# ONE-YEAR SECRETARIAL SCIENCE PROGRAM

SES

HOURS  
CREDIT

English 101 or SS 50\*  
Math 101 or SS 52\*  
Business Administration 110\*\*, 111, 112, 114\*\*, 115, 116, 118, 231,  
1, 261

5-0  
5-0

42

Electives to bring total credit hours to 50 (40 for those students in  
Special Studies) exclusive of basic physical education

Special Studies 50 and Special Studies 52 are acceptable for the One-Year Proficiency Certificate in Secretarial  
Students desiring to apply credits toward a college degree must complete English 101 and Math 101  
Students presenting high school credit in shorthand and/or typewriting may substitute other approved courses for  
Secretarial courses as are replaced

## ACCOUNTING, ECONOMICS, FINANCE MANAGEMENT, MARKETING OR SECRETARIAL AND OFFICE ADMINISTRATION

### CORE CURRICULUM REQUIREMENTS

#### AREA I — HUMANITIES

HOURS  
CREDIT

#### AREA II — MATHEMATICS AND NATURAL SCIENCE

HOURS  
CREDIT

English 101-102  
Courses from English 203, 204  
5, 206, 207  
Arts 252 or any  
Appropriate course in the  
Modern Languages

10  
5-10  
0-5

Mathematics 101-102, 113H,  
or 119-120  
Sciences: (one ten-hour sequence)  
Biology 101-102; 101-103  
Chemistry 101-102; 115-116; 121-122  
Physics 101-102; or 115-116; or  
223-224, or 223-225  
A 100-200 level five-hour  
course in Biology, Chemistry,  
Mathematics or Physics.

5-10  
10  
0-5

#### AREA III—SOCIAL SCIENCE

HOURS  
CREDIT

#### AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD

HOURS  
CREDIT

Social Science 101  
200 level History courses  
Courses selected from the following: 0-10  
Anthropology 100  
Psychology 101, 205  
Sociology 100, 201

5  
5-15

Business Administration 221, 222,  
231, 232, 251, 261

30

#### ACCOUNTING MAJOR

Core Curriculum Requirements see above)  
Business Administration 331, 332, 333, 351, 352, 361, 371,  
392, 425 or 321, 435, 436 or 437, 438, 344, 495

70

Electives (to bring the total number of credit hours to at least 185  
exclusive of Physical Education)

#### SECRETARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)

18

#### PHYSICAL EDUCATION REQUIREMENTS

6

#### AND GEORGIA CONSTITUTION REQUIREMENT

#### AND GEORGIA HISTORY REQUIREMENT

## ECONOMICS MAJOR

(For Core Curriculum Requirements see above)

Business Administration 321, 322, 344, 351, 352, 361, 371, 392, 425, 426, 427, 428, 446, 495

70

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)

BASIC PHYSICAL EDUCATIONAL REQUIREMENTS

6

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)

18

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

## FINANCE MAJOR

(For Core Curriculum Requirements see above)

Business Administration 341, 351, 352, 361, 371, 392, 425, 344, 446, 447, 448, 495 and any two of the following: 321, 322, 323, 331, 332, 342, 427 or 435

70

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)

18

BASIC PHYSICAL EDUCATION REQUIREMENTS

6

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

## MANAGEMENT MAJOR

(For Core Curriculum Requirements see above)

Business Administration 344, 351, 352, 361, 362, 371, 392, 425 or 321, 426, 437, 455, 465, 466 or 474, 495

70

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)

18

BASIC PHYSICAL EDUCATION REQUIREMENTS

6

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

## MARKETING MAJOR

(For Core Curriculum Requirements see above)

Business Administration 351, 352, 361, 371, 372, 392, 425 or 321, 427 or 474, 344, 465, 466, 475, 476, 495

70

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)

18

BASIC PHYSICAL EDUCATION REQUIREMENTS

6

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENTS



**SECRETARIAL AND OFFICE MANAGEMENT MAJOR**

(For Core Curriculum Requirements see above)

Business Administration 310*, 311, 312, 314**, 315, 316, 318, 361, 362 or 437, 371, 392, 416, 425 or 321, 426, 465, 466	72
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)	
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

**SECRETARIAL AND OFFICE MANAGEMENT WITH LANGUAGE SKILLS**

(For Core Curriculum Requirements see above)

Business Administration 310*, 311, 312, 314**, 315, 316, 318, 361, 371, 392, 416, 425 or 321, 426, 465, 466	60-67
Foreign Language (French, German, or Spanish) 102, 211, 212, 301, 302, 315	30
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)	
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

**MAJOR IN BUSINESS EDUCATION  
FOR BOOKKEEPING AND  
BUSINESS MANAGEMENT CERTIFICATION**

**CORE CURRICULUM REQUIREMENTS**

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101-102; or 113H, or 119-120	5-10
Courses from English 203, 204, 205, 206, 207	5-10	Sciences. (one ten-hour sequence) Biology 101-102	10
Fine Arts 252 or any appropriate course in Modern Language	0-5	Chemistry 101-102; or 121-122	
		Physics 101-102; or 115-116; or 223-224, or 223-225	
		A 100-200 level five-hour course in Biology, Chemistry, Mathematics, or Physics	0-5

\*Not open to students having more than one year of high school credit in typewriting  
\*\*Students presenting high school credit in shorthand may substitute other approved courses

AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Psychology 101, Anthropology 100, or Sociology 100	5
100-200 level courses in History	10	Education 204	5
Business Administration 221	5	Speech 211, Art, Music, or Drama	5
		Business Administration 231, 232, 261	15

### TEACHING MAJOR

Business Administration 222, 251, 311, 312, 318, 331, 332, 352, 361, 392	45
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PROFESSIONAL EDUCATION COURSES	
Education 305, 311C, 421C, 431C	30

OTHER REQUIREMENTS	
Physical Education 390: 309	6
Special Education 360	5

ELECTIVES (to bring the total number of credit hours to at least 185  
exclusive of Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
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BASIC PHYSICAL EDUCATION REQUIREMENTS	6
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U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

## MAJOR IN BUSINESS EDUCATION FOR COMPREHENSIVE CERTIFICATION

### CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101-102; or 113H, or 119-120	5-10
Courses from English 203, 204 205, 206, 207	5-10	Sciences: (one ten-hour sequence)	10
Fine Arts 252 (or any appropriate course in Modern Language)		Biology 101-102	
		Chemistry 101-102; or 110-111; or Physics 101-102, or 110-111; or 223-224; or 223-225	
		A 100-200 level five hour course in Biology, Chemistry, Mathematics or Physics	0-5

AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Psychology 101, Anthropology 100, or Sociology 100	5
100-200 level courses in History	10	Education 204	5
Business Administration 221	5	Speech 211, Art, Music, or Drama	5
		Business Administration 231, 232, 261	15

## TEACHING MAJOR

Business Administration 222, 251, 311, 312, 315, 316, 318, 361, 392, 416	45
PROFESSIONAL EDUCATION SEQUENCE Education 305, 311C, 421C, and 431C	30
OTHER REQUIREMENTS Physical Education 390, 309, Special Education 360	6 5
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)	
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

## ECONOMICS—SECONDARY EDUCATION

Core Curriculum—Area IV Math 240, B.A. 221, 222, 251 Anthropology 100, History 205, Political Science 205, Psychology 205, Sociology 205	20   10
(For other Core Curriculum Requirements see above)	
COURSES IN THE MAJOR B.A. 321, 322, 323, 352, 425, 428	30
COURSES IN A RELATED FIELD 10 hours of 300-400 level B.A. courses	10
PROFESSIONAL EDUCATION SEQUENCE Education 204, 305, 311c, 421c, 431c	35
OTHER REQUIREMENTS Physical Education 309, 390 Special Education 360	6 5
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)	
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

## MINOR IN ACCOUNTING

Business Administration 231, 232, 331, 332, and 10 hours of Business Administration courses subject to the approval of the major and minor advisor.	30
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## MINOR IN BUSINESS ADMINISTRATION

Required *BA 221, 222, 231, 232, 361, 371 and any two courses from BA 344, 351, 352, 372, 455, 465, 466	
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\*May be used as part of Area III

## MINOR IN ECONOMICS

Business Administration 221, 222, 321, 322, and 10 hours of Business Administration courses subject to the approval of the major and minor advisor. 30

## MINOR IN SECRETARIAL SKILLS

Business Administration 221, 231, 311, 312, 315, 316, and 5 hours of Business Administration subject to the approval of the major and minor advisors

## DUAL DEGREE PROGRAM WITH GEORGIA INSTITUTE OF TECHNOLOGY

The Dual Degree Program offered by North Georgia College and Georgia Institute of Technology provides a student with the opportunity to attend a liberal arts college for three years before embarking on professional academic work at Georgia Tech. Two options are available under the Dual Degree Program

First, a student may complete 144 hours at North Georgia College and apply for entrance into the Bachelor of Science in Industrial Management, Bachelor of Science in Management Service or the Bachelor of Science in Economics at Georgia Tech. The student would be required to take approximately 90 hours at Georgia Tech. Upon completion of the 90 hours at Georgia Tech, the student would be awarded the BBA from North Georgia College and the BS from Georgia Tech

Second, the student may elect to complete 163 hours at North Georgia College and apply for the Master's of Science in Industrial Management at Georgia Tech. The student upon acceptance to Georgia Tech would need to complete 72 hours to be awarded the MSIM. Upon completing the first 22 hours of graduate study at Georgia Tech, the student will be awarded the BBA from North Georgia College

## DUAL DEGREE REQUIREMENTS:

- 1A For the BA, complete 144 quarter hours at North Georgia College as outlined below (exclusive of PE requirements).
- 1B For the MISIM, complete 163 quarter hours at North Georgia College (exclusive of PE requirements)
- 2 Obtain recommendation of Dual Degree Coordinator at North Georgia College
- 3 Maintain a college grade point average and specified test results which would indicate that the student could satisfactorily complete the degree requirements at Georgia Tech.
- 4 Complete a Georgia Tech program which equals the number of credit hours required of normal juniors and seniors enrolled in the standard curriculum for the degree being sought
- 5 If the official study program at Georgia Tech (BSIM) includes electives and the candidate has excessive hours at North Georgia College, he may petition that these excess hours be used as transfer credits to Georgia Tech. Such transfer credit shall not amount to more than one half of the official study program at Georgia Tech

## DUAL DEGREE — BBA/MSIM

	CREDIT HRS.	TOTAL
<b>AREA I — HUMANITIES</b>		
English 101, 102	10	
Courses from Eng 203, 204, 205, 206, 207	<u>10</u>	20
<b>AREA II — MATHEMATICS AND NATURAL SCIENCES</b>		
Mathematics 119, 120	10	
A sequence from: Biology 101, 102 Chemistry 121, 122 Physics 223, 224 or Physics 223, 225	<u>10</u>	20
<b>AREA III — SOCIAL SCIENCES</b>		
History 100	5	
Political Science 101	5	
Any 10 hours from: 100-200 History, Anthropology, Psychology or Sociology	<u>10</u>	20
<b>AREA IV —</b>		
Mathematics 245, 246	10	
BA 221, 222	10	
BA 231, 232	<u>10</u>	30
<b>COURSES LEADING TO THE BBA:</b>		
BA 251, 321, 322, 351, 352, BA 361, 371, 344	<u>40</u>	40
<b>ADDITIONAL COURSES TO BRING THE TOTAL CREDIT HOURS TO 163 EXCLUSIVE OF PE:</b>		
BA 331, 332, 435, 436, 341, 392, BA 425, 426, 446, 447, 455, 448, Math 247 or any course above Math 247 Computer Science 151, 251, 252, 253, 351, 352, and Military Science	<u>33</u>	<u>33</u> 163



DUAL DEGREE — BBA/BS

	CREDIT HRS.	TOTAL
AREA I — HUMANITIES		
English 101, 102	10	
Select from 203, 204, 205, 206, 207	<u>10</u>	20
AREA II — MATHEMATICS AND NATURAL SCIENCES		
Mathematics 119, 120	10	
A sequence from: Biology 101, 102 Chemistry 121, 122 Physics 223, 224 or Physics 223, 255	<u>10</u>	20
AREA III —		
History 100	5	
Political Science 101	5	
Select from any 100-200 level of History, Anthropology, Psychology or Sociology	<u>10</u>	20
AREA IV —		
Math 245, 246	10	
BA 221, 222	10	
BA 231, 232	<u>10</u>	30

HOURS REQUIRED TO BE COMPLETED AT NGC:

BA 321, 322, 344, 351, 352, 361, BA 371		
Math 247	<u>40</u>	40

ADDITIONAL COURSES TO BRING THE HOURS AT NGC  
TO A TOTAL OF 144 EXCLUDING PE MAY BE SELECTED  
FROM THE FOLLOWING:

Any Math beyond Math 247		
Computer Science 151, 251, 252, 253, 351, 352 or BA 331, 392, 425, 436, 446, 448, 455		
		<u>14</u>
		144

# COURSES IN BUSINESS ADMINISTRATION

- 221. PRINCIPLES OF ECONOMICS. 5 hours**  
This course provides an introduction to economic analysis by presenting an overall picture of the operation of our economy. Specific topics covered include economic institutions of American capitalism, employment theory, fiscal policy, money and banking, monetary policy, and economic growth.
- 222. PRINCIPLES OF ECONOMICS. 5 hours**  
Prerequisite: Business Admin. 221. A study of economics which concentrates on the determination of prices in competitive and monopolistic markets, distribution of income along functional lines, international trade, and comparative economic systems.
- 231. PRINCIPLES OF ACCOUNTING. 5 hours**  
An introductory course in standard accounting practice. Recognized procedures and conventions are used in recording, analyzing and interpreting financial records. Emphasis is placed on the proprietorship form of business organization.
- 232. PRINCIPLES OF ACCOUNTING. 5 hours**  
Prerequisite: Business Admin. 231. A continuation of Business Administration 231 with emphasis on the partnership and corporate forms of business organizations. In addition, manufacturing operations and further analytical processes are studied.
- 251. ELECTRONIC DATA PROCESSING AND INFORMATION SYSTEMS. 5 hours**  
A study of the basic principles of electronic data processing from the point-of-view of their application to the assembling, storing, and processing of business and economic data appropriate to decision making. Problems in management science necessitating the use of the computer will be programmed and processed.
- 261. BUSINESS COMMUNICATIONS. 5 hours**  
Prerequisites: English 101 and 102. Practice in the use of correct and forceful English in writing business letters and reports. Study and analysis of sales, credit, adjustment, application letters and business reports.
- 306. ECONOMIC AND SOCIAL HISTORY OF THE U.S. TO 1865. 5 hours**  
A history of American agriculture, transportation, mining, fishing, manufacturing, banking and labor from the beginning to 1865. Emphasis is placed on economic developments and how economic activity affected the lives of the people.
- 307. ECONOMIC AND SOCIAL HISTORY OF U.S. — 1865 TO PRESENT. 5 hours**  
A History of American Agriculture, transportation, mining, fishing, banking, manufacturing, mining and labor since 1865. Emphasis is placed on economic developments and how economic activity affected the lives of the people.

- 310-110. BEGINNING TYPEWRITING. 2 hours**  
*Fall Quarter.*  
 An introductory course in typewriting. Major emphasis is given to the techniques of machine operation, speed, accuracy, and continuity and control of movement in the development of usable typewriting skills. Business-letter forms and problem typewriting are introduced.
- 311-111. INTERMEDIATE TYPEWRITING. 2 hours**  
*Winter Quarter.*  
 Prerequisite: Business Admin. 310. A continuation of Business Administration 310. Further study of the theory and techniques of typewriting, including a thorough study of business-letter forms, tabulated material, and manuscripts. Successful completion of this course requires a speed of 45 words a minute.
- 312-112. ADVANCED TYPEWRITING 3 hours**  
*Spring Quarter*  
 Prerequisite: Business Admin. 312. A continuation of 312. Major emphasis is on the development of speed and accuracy sufficient for vocational use. Successful completion of this course requires a speed of 60 words a minute.
- 314-114. BEGINNING SHORTHAND. 5 hours**  
*Fall Quarter.*  
 The theory of Gregg Shorthand with sufficient practice to develop skill in taking dictation at a speed of 60 words a minute. Personal use as well as vocational values are emphasized. Credit not given until Business Administration 315 is completed.
- 315-115. INTERMEDIATE SHORTHAND. 5 hours**  
*Winter Quarter*  
 Prerequisite: Business Admin. 314 or equiv. A continuation of Business Administration 315. Sufficient practice is provided to develop skill in taking dictation at a speed of 80 words a minute.
- 316-116. ADVANCED SHORTHAND. 5 hours**  
*Spring Quarter.*  
 Prerequisite: Business Admin. 315 or equiv. A continuation of Business Administration 315. Rapid dictation and transcription are the major objectives. A dictation speed of 100 words a minute is required.
- 318-118. OFFICE MACHINES. 5 hours**  
 Prerequisites: Business Admin. 311 or equiv. An introductory course covering various types of office machines and their use. Students receive instruction and do individual work on adding, calculating, transcribing, posting, direct process and indirect process duplicating machines, and other machines in common use in modern business offices.
- 318.(a),(b). OFFICE MACHINES. 1, 1 hour**  
**BA318a** (1hour) An introductory course covering the ten-key adding machine and the electronic display calculator. Students receive instruction and do individual problem work  
**BA318b** (1 hour). An introductory course covering the full keyboard adding machine and the electronic printing calculator. Students receive instruction and do individual problem work.

These courses, 318(a) (b) are proposed to better secure the needs of the departmental major. Students in the Secretarial or Business Education programs would continue to take 318 as a regularly scheduled 5 hour course. Other students could register for one or both courses depending upon their needs and schedules.

- 319. WORD PROCESSING CONCEPTS. 5 hours**  
*Winter Quarter.*  
An introductory course in Word Processing. Various facets of WP are covered which thoroughly acquaint the student with the evolution of WP, an analysis of WP equipment, training WP personnel and management, WP manuals, production standards, and career paths.
- 321. INTERMEDIATE MICROECONOMIC ANALYSIS. 5 hours**  
Prerequisites: Business Admin. 221 and 222. An intensive study of the measurement, analysis, and control of aggregate economic activity. The economic principles underlying national income, business cycles, and growth are examined, and particular attention is given to problems involved in formulating economic policies.
- 322. INTERMEDIATE MICROECONOMIC ANALYSIS. 5 hours**  
Prerequisites: Business Admin. 221 and 222. An intensive study of price theory and its uses. Specific topics covered include the theory of demand, the theory of the firm, pricing in competitive and monopolistic markets, and the pricing of economic resources.
- 323. CONSUMER ECONOMICS. 5 hours**  
This course is designed for teachers and those students who desire a detailed study of consumer problems. The more important elements of consumer education are reviewed including consumer goods, consumer services, buying problems, consumer organization, problems of personal finance, and well-balanced spending programs.
- 331. INTERMEDIATE ACCOUNTING. 5 hours**  
*Fall Quarter.*  
Prerequisites: Business Admin. 232. An advanced study of the accounting theory, principles, and procedures of corporate, partnership, and proprietorship forms of business. This includes the fundamental accounting processes, financial statements, working capital items, valuation procedures, current liabilities, investment, and plant and equipment acquisition and use.
- 332. INTERMEDIATE ACCOUNTING. 5 hours**  
*Winter Quarter.*  
Prerequisite: Business Admin. 331. A continuation of Business Administration 331. Major emphasis is devoted to accounting for intangibles, long-term debt, corporate capital, retained earnings, analytical processes, and statements of applications of funds.
- 333. ADVANCED ACCOUNTING. 5 hours**  
*Spring Quarter.*  
Prerequisite: Business Admin. 332. A more advanced study of accounting procedures with attention given to the more difficult and specialized phases that arise in consignment, installment, sales, larger organizations, consolidations, estates and trusts, and actuarial science.

- 341. RISK AND INSURANCE. 5 hours**  
*On Demand*  
 Studies in the nature of risk and the role of insurance in risk management from individual and business viewpoints by considering the insurance carrier's contracts underwriting and regulation.
- 342. REAL ESTATE. 5 hours**  
*On Demand.*  
 A study of the concepts, principles, practices, and laws relating to acquiring, holding, utilizing, and disposing of real property.
- 344. BUSINESS FINANCE. 5 hours**  
 Prerequisites: BA 22, 232, 351, 352. A study of financial organization and management from the standpoint of the chief officer of an operating business. Major topics emphasized are choosing a form of organization, planning and managing assets, planning the financial structure, managing short- and intermediate funds, managing long-term funds, and valuing business enterprises.
- 351. MATHEMATICS OF BUSINESS AND ECONOMICS. 5 hours**  
*Fall and Winter Quarters.*  
 Prerequisites: Business Admin. 221, 222, Math 101 and 102. A study of mathematical subjects which have relevance for students whose major is in one of the management-economic areas. Topics included are linear and non-linear equations, linear programming, decisions under uncertainty, inventory decision models, queuing and monte carlo simulations. This course should be taken early in the junior year.
- 352. PRINCIPLES OF STATISTICS. 5 hours**  
*Winter and Spring Quarters.*  
 Prerequisite: Math 101, 102. A course in statistical materials and methods with special reference to the economic applications of these methods. Topics covered will include collection, tabulation, and presentation of data. This course should be taken in the junior year.
- 361. PRINCIPLES OF MANAGEMENT. 5 hours**  
 This course is designed to familiarize students with the functions of the management process. Major emphasis is devoted to planning, organizing, and controlling and their subfunctions. Attention is given to the new techniques and tools of planning to include electronic computers. This course should be taken early in the junior year.
- 362. INDUSTRIAL PSYCHOLOGY. 5 hours**  
 The application of psychological principles to human problems in industry, including areas of personnel selection and appraisal, motivation and work, leadership and human performance. Crosslisted as Psychology 362.
- 364. SMALL BUSINESS MANAGEMENT. 5 hours**  
 A complete coverage of sound business practices for starting and operating a small business establishment.
- 371. PRINCIPLES OF MARKETING. 5 hours**  
 Prerequisites: Business Admin. 221 and 222. A functional study of market organization designed to introduce the student to the major institutions



and basic theories in the field of marketing. Levels of marketing, organizations operations at each level and their functions, price policy, marketing cost and relative efficiency of various marketing methods are principal topics. This course should be taken early in the junior year.

- 372. ADVERTISING. 5 hours**  
Prerequisite: B A 371. A study designed to examine theory and practical application of media selection, budgeting, advertisement construction, along with the economical and social effects of advertising.
- 392. BUSINESS LAW. 5 hours**  
A study of contracts; sales, bailments, negotiable instruments; the law of employment, partnership, and corporations; and risk-bearing devices. Reference is made to modern legislation affecting business and employers.
- 399. READINGS IN BUSINESS ADMINISTRATION. 2 hours**  
Independent reading from selected literature in the fields of Management, Marketing, Economics, Accounting and Business Education. The course may be an independent study under the supervision of a member of the Business faculty or may be a formal class. Written and oral reports will be expected of each student in connection with each of the assigned readings. This course may be taken a total of six times.
- 416-216. ADVANCED SECRETARIAL PRACTICE. 5 hours**  
Prerequisites: Business Admin 312. This course combines shorthand and typewriting in the transcription of shorthand notes and the development of office proficiency. Activities of the modern office will be observed with emphasis on the principles, procedures, and systems of filing.
- 425. MONEY AND BANKING. 5 hours**  
Prerequisites: Business Admin 221. A study of the basic principles and concepts of money and credit and their importance in the present economy. The major topics emphasized are the key role of the commercial banking system in our economy, central banking as a means of expanding and stabilizing the supply of money and credit, monetary theory, monetary and fiscal policies, international banking and finance, and other banking and credit institutions.
- 426. LABOR ECONOMICS. 5 hours**  
Prerequisites: Business Admin. 221 and 222. A study of the origin of the labor movement, population and the labor force; organized labor, union organization and management; collective bargaining, and the problems of unemployment, full employment, wage theory and policies, and labor legislation.
- 427. INTERNATIONAL TRADE. 5 hours**  
Prerequisite: Business Admin 221, 222. A study of economic principles applicable to trade between nations covering such topics as the balance of payments, foreign exchange rate determination, price and income effects on the composition and level of trade, and economic development relating to trade policy.
- 428. DEVELOPMENT OF ECONOMIC THOUGHT. 5 hours**  
Prerequisites: Business Admin. 221 and 222. A study of the development

of economic ideas with major emphasis on writers. The purpose of the course is to establish a synthesis of evolving doctrines which have the basis of currently accepted economic theory.

435. **INCOME TAX ACCOUNTING.** 5 hours  
Prerequisites: Business Admin. 232. A study of federal income tax laws. The various types of returns are studied and emphasis is placed on the determination of income and legal deductions in order to determine taxable net income.
436. **COST ACCOUNTING.** 5 hours  
Prerequisites: Business Admin. 232. A study of the theory and practice of accounting for manufacturing and selling costs. Detailed consideration is given to elements of cost — direct labor, direct materials, and factory overhead. Process, job order, and standard cost systems are also emphasized.
437. **MANAGERIAL ACCOUNTING.** 5 hours  
Prerequisites: Business Admin. 232. A study of the use of accounting as a tool in the decision making process. Major topics covered include budgeting, gross profit, and break-even and cost profit-volume analysis; capital expenditures, and internal profit measurement.
438. **AUDITING.** 5 hours  
Prerequisites: Business Admin. 332. A course in the theory and practice of professional and general auditing. Auditing standards, internal control, government regulation, and formal report writing are other major topics emphasized.
446. **PUBLIC FINANCE.** 5 hours  
Prerequisites: Business Admin. 221 and 222. A study of the principles and techniques of government debt, specific tax and non-tax revenues; and expenditures at the national, state and local levels.
447. **INVESTMENT MANAGEMENT.** 5 hours  
The purpose of the course is to provide training in the formulation of investment programs and the determination of policy adapted to the student's individual needs. Topics studied include sources of information for the investor, types of securities, security markets and their operation, movement of security prices, types of industries and their characteristics, analysis of financial statements, and investment principles and safeguards.
448. **FINANCIAL POLICY AND ANALYSIS.** 5 hours  
This course is designed for finance majors in their last quarter. Emphasis will be on financial matters outside the time limits imposed by basic corporate finance. Financial statement analysis and alternative methods for financing expansion will be among the major areas covered.
455. **PRODUCTION MANAGEMENT.** 5 hours  
Prerequisite: BA 351, 352, 361. The objective of this course is to familiarize the student with the nature and scope of production management in modern industry. The topics emphasized are production planning and scheduling, plant layout, materials handling, inventory control, quality control, and related topics from the point-of-view of both the human and material elements of the production system.

465. **PERSONNEL MANAGEMENT.** 5 hours  
Prerequisite: BA 361 or permission from the BA Dept. A study of the principles and procedures of the recruitment, selection, and placement of a labor force. Treatment of grievances, problems of collective bargaining, compensation policies, merit rating, promotion, transfer and discharge, training and personnel records are emphasized.
466. **RETAILING MANAGEMENT.** 5 hours  
Prerequisite: BA 361, 371. A study of the organization, planning, policies, procedures, problems, and controlling of the various types of retailing institutions. The major topics emphasized include the selection of retailing locations, organization of retailing establishments; merchandising policies and procedures; retailing services; and the selection, training, compensation and supervision of retailing personnel.
468. **MANAGEMENT IN THE NON-PROFIT ORGANIZATION.** 5 hours  
An examination of management principles applied to the non-profit organization. Topics covered would include but not be limited to planning, organizing, staffing, and controlling.
474. **SALES MANAGEMENT.** 5 hours  
Prerequisite: BA 361, 371. A study emphasizing the role of personal selling within the marketing mix, including principles of selling, building of organizations, controlling and evaluating the sales force.
475. **MARKETING RESEARCH.** 5 hours  
Prerequisite: BA 352, 371. Methods of scientific research used in solving business problems, emphasizing information sources, data collection and analysis, and writing of the research report.
476. **MARKETING MANAGEMENT.** 5 hours  
Prerequisites: Senior Standing. A study of various policies and problems requiring decisions by marketing management in the areas of product policy, distribution policies and physical distribution, pricing, advertising, sales promotion, and management of personal selling.
485. **GEORGIA INTERN PROGRAM IN BUSINESS ADMINISTRATION.** 5-15 hours
495. **BUSINESS POLICY DECISION MAKING.** 5 hours  
Prerequisite: Senior Standing. The application of managerial financial, marketing, and accounting principles to the specific problems involved in the formulation of consistent business policies and the maintenance of efficient organization. Some use of cases and management simulation exercises are included.
499. **CURRENT TOPICS IN BUSINESS ADMINISTRATION.** 1 hour  
A course designed to cover current topics in businesses. The student must have at least senior standing. The course may be taken a maximum of three quarters.

# DEPARTMENT OF CHEMISTRY

Thomas C. Davis, Department Head

The Department offers courses leading to either a professional major or non-professional major.

## THE PROFESSIONAL CURRICULUM IN CHEMISTRY

If a student pursues a professional curriculum major, it is presumed that the student wishes to become a professional chemist. The student is also prepared to enter graduate school in order to secure an M.S. or Ph.D. degree in preparation for a career in chemical research. Since the requirements for a Bachelor of Science Degree in Chemistry are rather demanding, a student should maintain a general average of C+ and a B average in science. If he should not do so, he will be asked to shift to the non-professional degree. The non-professional degree will not prepare the student to enter graduate school in Chemistry.

## THE NON-PROFESSIONAL CURRICULUM IN CHEMISTRY

This curriculum is designed for those students who wish to study chemistry but who do not want to do chemical research. Such students might feel that chemistry would contribute toward a related profession, such as medicine, engineering, military, laboratory technician, high school teaching or chemical sales. Although high scholarship is to be sought, the non-professional curriculum is less demanding in breadth of courses in chemistry and mathematics than is the professional curriculum.

## MAJOR IN CHEMISTRY — PROFESSIONAL

### CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES		AREA II — MATHEMATICS AND NATURAL SCIENCE	
	HOURS CREDIT		HOURS CREDIT
English 101-102	10	Mathematics 119 or 120	5
Courses from English 203, 204, 205, 206, 207	10	Sciences: (one ten-hour sequence)	10
		Biology 101-102	
		Chemistry 121-122	
		Physics 223-224, or 223-225	
		Any course listed above not taken in the ten-hour sequence or Math 119 or 245	5
AREA III — SOCIAL SCIENCE		AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	
	HOURS CREDIT		HOURS CREDIT
Political Science 101	5	Chemistry 123, 204	10
100-200 level History courses	5-15	Physics 223-224-225	0-10
Courses selected from the following. 0-10		Biology 101,102,220	0-10
Anthropology 100		Mathematics 120-245	0-10
Psychology 101, 205			
Sociology 100, 201			
Business Admin. 221, 222			

<b>CHEMISTRY MAJOR</b>	
Chemistry 123, 204, 331, 332, 333, 341, 342, 343 and two additional courses at the 400 level approved by the department head	50
<b>OTHER REQUIREMENTS:</b> Physics 223, 224, and 225	15
<b>OTHER REQUIREMENTS:</b> Math 245, 246 and 247	15
<b>COURSES IN THE MINOR</b>	
Biology, Physics, or Mathematics (requirements for minor are listed in each departmental offering)	30-20-25
<b>ELECTIVES</b> (to bring the total number of credit hours to at least 185 exclusive of Physical Education)	
<b>MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)</b>	18
<b>BASIC PHYSICAL EDUCATION REQUIREMENTS</b>	6
<b>MODERN LANGUAGE REQUIREMENTS:</b> German 101, 102 and 211 or 211, and 212	
<b>U.S. AND GEORGIA CONSTITUTION REQUIREMENT</b>	
<b>U.S. AND GEORGIA HISTORY REQUIREMENT</b>	

## MAJOR IN CHEMISTRY— NON-PROFESSIONAL

### CORE CURRICULUM REQUIREMENTS

<b>AREA I — HUMANITIES</b>	<b>HOURS CREDIT</b>	<b>AREA II — MATHEMATICS AND NATURAL SCIENCE</b>	<b>HOURS CREDIT</b>
English 101-102	10	Mathematics 101 or 119	5
Courses from English 203, 204, 205, 206, 207	10	Sciences: (one ten-hour sequence)	10
		Biology 101-102	
		Chemistry 101-102; or 121-122	
		Physics 223-224 or 223-225	
		Any science course listed above not taken in the ten-hour sequence or Math 102, Math 120, or Math 245	5
<b>AREA III — SOCIAL SCIENCE</b>	<b>HOURS CREDIT</b>	<b>AREA IV — COURSES APPROPRIATE TO MAJOR FIELD</b>	<b>HOURS CREDIT</b>
Political Science 101	5	Chemistry 123, 204	10
History 100-200 level	5-15	Physics 223-224-225	0-10
Courses from the following		Biology 101, 102, 220	0-10
Anthropology 100;	0-10	Mathematics 120-245	0-10
Business Admin. 221, 222			
Psychology 101			
Sociology 100			

<b>COURSES IN THE MAJOR</b>	
Chemistry 123, 204, 331, 332, 340, 421 and one other course	35
<b>OTHER REQUIREMENTS</b>	
Physics 223, 224, or Biology 101, 102	10
<b>COURSES IN THE MINOR</b>	
Biology, Physics or Mathematics (requirements for minor are listed in each departmental offering)	30-20-25
<b>ELECTIVES</b> (to bring the total number of credit hours to at least 185 exclusive of Physical Education)	



MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
MODERN LANGUAGE REQUIREMENTS	
U S AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

## MAJOR IN CHEMISTRY — SECONDARY EDUCATION

### CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 119 or 120	5
Courses from English 203, 204, 205, 206, 207	5-10	Sciences: (one ten-hour sequence)	10
Fine Arts 252 (if only one of the above is selected)	5	Biology 101-102	
		Chemistry 121-122	
		Physics 223-224-225	
		Any course listed above not taken in the ten-hour sequence or Math 245	

AREA III — SOCIAL	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Chemistry 123, 204	10
History 100-200 level	5-15	Physics 223-224	0-10
Courses from the following		Biology 101, 102	0-10
Anthropology 100; Psychology 101, Sociology 100			

CHEMISTRY MAJOR	
Chemistry 123, 204, 311, 331, 332, 340 or 421	30

PROFESSIONAL EDUCATION SEQUENCE	
Education 204, 305, 311c, 421c, 431c	

OTHER REQUIREMENTS	
P.E. 309, 390	6
Special Education 360	5

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)	30
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MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
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BASIC PHYSICAL EDUCATION REQUIREMENT	6
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U S AND GEORGIA CONSTITUTION REQUIREMENT	
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U.S. AND GEORGIA HISTORY REQUIREMENT	
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### DUAL DEGREE PROGRAM — CHEMISTRY

The Dual Degree Program offered by North Georgia College in cooperation with Georgia Tech offers a student the opportunity to attend a liberal arts college for three years before embarking on professional academic work at Georgia Tech for an additional two years.

After completing the academic requirements of both institutions, the student shall be awarded a bachelor's degree from North Georgia College and one of several designated bachelor's degree from Georgia Institute of Technology.

Dual Degree candidates from North Georgia College who work toward a B.S. in Chemistry are eligible to seek any of the following degrees at Georgia Tech:

Bachelor of Chemical Engineering  
 Bachelor of Science in Textile Chemistry  
 Bachelor of Science in Textiles

## DUAL DEGREE REQUIREMENTS:

1. Complete 140 quarter hours at North Georgia College as outlined below (exclusive of basic military and P.E.)
2. A recommendation from the Academic Dean of North Georgia College
3. A college grade-point average and specified test results which would indicate that the student could satisfactorily complete the degree requirements at Georgia Tech.
4. Complete a Georgia Tech study program which equals the number of credit hours required of normal juniors and seniors enrolled in the standard curriculum for the degree being sought
5. If the official study program at Georgia Tech includes electives and the candidate has excessive hours from North Georgia College, he may petition that these excess hours be used as transfer credit to Georgia Tech. Such transfer credit shall not amount to more than one half of the official study program at Georgia Tech.

## SPECIAL PROVISION FOR GRADUATE STUDY UNDER THE DUAL DEGREE AGREEMENT

1. The two colleges may extend permission for highly qualified, specially selected undergraduates to enter Georgia Tech at the end of three or more years of undergraduate study at North Georgia College with the intent that the degree being sought at Georgia Tech shall be at the masters level
2. The specially selected individual shall complete enough undergraduate course work to meet the graduation requirements of North Georgia College.
3. The specially selected individual shall complete a minimum of 50 hours of graduate work at Georgia Tech.
4. Application for admission to the Graduate Division at Georgia Tech will be made during the first year in residence there with admission requirements being based on the usual recognized standards.

## CORE CURRICULUM REQUIREMENTS — DUAL DEGREE PROGRAM

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101, 102	10	Mathematics 119, 120	10
English 203, 204, 205, 206, 207	5-10	Sciences: (one ten-hour sequence) Chemistry 121, 122 Physics 223, 224	10
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Chemistry 123, 204	10
History 100*, 101, 102, 103	5-15	Physics 223, 224, 225	0-15
Courses from Psychology 101, 205 Sociology 100, Anthropology 100, or Business Admin 221, 222	0-10	Mathematics 122, 245, 246, 247	0-15

**NOTE:** The 140 hours at North Georgia must include Physics 223, 224, 225, 230; Mathematics 245, 246, 247, 300; Chemistry 331, 332, 333, 204; and Military 300, 301, 302, or equivalent academic courses approved by the Dean.

## MINOR IN CHEMISTRY

Chemistry 123, 204 or 311 and two other courses approved by the head of the Chemistry Department

20

## COURSES IN CHEMISTRY

- 101. INTRODUCTION TO CHEMISTRY. 5 hours**  
Four lectures and one laboratory per week. General principles of chemical bonding, reactions, and equilibria as required for a basic understanding of chemical applications.
- 102. INTRODUCTION TO CHEMISTRY. 5 hours**  
Prerequisite: Chemistry 101 or its exemption. Four lectures and one laboratory per week. A study of chemical processes in (non-living) nature such as geochemical cycles, soil, and water.
- 103. ORGANIC AND BIOCHEMISTRY SURVEY. 5 hours**  
Prerequisite: Chemistry 101 or its exemption. Four lectures and two laboratory hours a week. Survey of Organic Functional groups and their reactions with applications to biochemical systems. The chemical basis for metabolism and body fluid interactions are discussed.
- 121, 122. GENERAL CHEMISTRY. 5, 5 hours**  
Admission to these courses will be by a standardized placement test and other scores. Normally these two courses would be taken by all science majors. These courses will emphasize theory and mathematical applications more than 101 and 102. Normally the student will have had 3 years of high school mathematics as well as high school chemistry. Four hours of lecture and one laboratory period each week.
- 123. INTRODUCTION TO CHEMICAL ANALYSIS. 5 hours**  
Prerequisite: Chemistry 122. Three hours lecture and two laboratory periods per week. The laboratory work of this course will consist of qualitative analysis and a brief introduction to quantitative analysis.
- 204. QUANTITATIVE ANALYSIS. 5 hours**  
Prerequisite: Chemistry 123. The student will perform various volumetric titrations, and a gravimetric sulfate. Such instruments as the pH meter, colorimeter, and X-ray diffractometer will be studied with appropriate experiments performed. Three hours of lecture and two laboratory periods per week.
- 230. ORGANIC CHEMISTRY. (Brief Course) 5 hours**  
Prerequisite: Chemistry 123. A survey course in organic chemistry. Four lectures and one laboratory per week. This course should meet the requirements of the medical technology curriculum.

- 311, 312. BIOCHEMISTRY. 5, 5 hours**  
 Prerequisite: 230 or 332. These courses introduce carbohydrates, protein and nuclei acids and their interrelationship. Intermediate metabolism will be discussed. Chemistry 311 - Five lectures per week. Chemistry 312 - Three lectures and two laboratories per week.
- 331, 332, 333. ORGANIC CHEMISTRY. 5, 5, 5 hours**  
 Prerequisite: Chemistry 123. These courses are designed to introduce the student to functional groups and their interconversion, the mechanism of chemical reaction, conformational analysis, and stereo-chemistry. The third quarter includes an introduction to carbohydrates and amino acids, kinetic methods and an introduction to problems of organic synthesis.
- CHEMISTRY 331.**  
*Fall and Winter Quarters*  
 Four lectures and one laboratory period each week.
- CHEMISTRY 332, 333.**  
*Winter, Spring Quarters.*  
 Three lectures and two laboratory periods per week.
- 340. PHYSICAL CHEMISTRY. (Brief Course) 5 hours**  
 This course is a non-calculus introduction to physical chemistry. Emphasis is placed on the application of physical chemical principles to the life sciences. Four lectures and one laboratory period per week.
- 341, 342, 343. PHYSICAL CHEMISTRY. 5, 5, 5 hours**  
*Fall, Winter and Spring Quarters*  
 Prerequisites: Chemistry 204, three quarters of general physics, and two quarters of calculus are recommended. The course presents the fundamental principles of physical chemistry. Such topics as structure of atoms and molecules, states of matter, thermodynamics, chemical kinetics, and the phase rule are discussed. The laboratory work is integrated with the course work and some familiarity with recent physio-chemical techniques will be acquired. Four hours lecture and one laboratory period each week.
- 421. INORGANIC CHEMISTRY. 5 hours**  
 Prerequisite: Chemistry 340 or 341. An extension of the study of inorganic chemistry begun in general chemistry. The current theories of atomic structure and bonding in complex ions, crystal system, and some descriptive inorganic chemistry will be discussed. Four lectures and one laboratory period per week.
- 430. INTRODUCTION TO ORGANIC ANALYSIS. 5 hours**  
 The course will be devoted to qualitative organic analysis and will be an extension of the identification done as part of the laboratory work of the basic year course in organic chemistry. Instruments, such as the infrared spectrophotometer, the ultraviolet spectrophotometer, the gas chromatograph, and other tools will be used to accomplish the stated objectives. Three hours lecture and two laboratory periods per week.

**441. INSTRUMENTAL ANALYSIS. 5 hours**  
 The lectures will consist of the discussion of various instrumental methods and applications. Analysis will be carried out using the flame photometric, atomic absorption, spectrophotometric, X-ray diffraction, and colorimetric methods. Three lectures and two laboratory periods per week.

**451 a, b, c. INTRODUCTION TO CHEMICAL RESEARCH. 2, 2, 2 hours**  
 This course is designed to prepare the student for employment as a research assistant upon the completion of the B.S. degree, or for the research work for an advanced degree. It will consist of one or two lectures or conference hours per week throughout the senior year (9 months) together with an indeterminate amount of unscheduled laboratory work. It is anticipated, however, that the laboratory work will not average less than five hours per week. The subject matter of the lectures will be the technique of research, use of technical reference literature, theory of errors, the analysis of experimental data, and report writing. The laboratory work of the first quarter will consist of exercises in glass-blowing and the construction of glass equipment. In the second and third quarters, the student will be assigned a minor research project on which he will prepare a report.

**461 a, b, c. INDEPENDENT STUDY. 1, 1, 1 hour**  
 Topics in the history of Chemistry, a review of certain topics from previous courses, and directed library readings. The student will report his work by class talks and written reports.

**471. MOLECULAR STRUCTURE AND SPECTROSCOPY. 5 hours**  
 This course will cover the use of various spectroscopic methods for examining molecular structure. The use of I.R., and X-ray will constitute the basis of laboratory work. Three lecture hours and two three-hour laboratory periods per week. This course is offered on demand.

## PHYSICAL SCIENCE

**101. EARTH SCIENCE. 5 hours**  
 Four lectures and one laboratory period per week. An integrated study of geology, astronomy, and weather with emphasis on those processes which change the environment.

**115-116. UNDERSTANDING THE PHYSICAL WORLD. 5, 5 hours**  
 A nonquantitative two course sequence designed to promote an understanding of the physical world for the non-science major. Natural phenomena as well as the effects of man's technology on the physical environment will be brought into focus by means of numerous demonstrations, laboratory exercises, and field trips. Relevant topics will be selected from Astronomy, Chemistry, Environmental Science, Geology, and Physics. Credit will be extended for either course separately or for both as a two quarter laboratory sequence.



# DEPARTMENT OF EDUCATION

Christopher S. Sharp, Department Head

To be eligible to receive a four-year professional teacher's certificate in Georgia, one must complete a bachelor's degree program designed to meet the needs of teachers in a specific teaching field and be recommended by the college whose program has been completed. Each teacher-education program must have the approval of the State Department of Education. North Georgia College offers programs in:

- Early Childhood Education
- Education of Auxiliary Personnel
- Elementary Education (Limited to students enrolled prior to Sept., 1978)
- Middle Grades Education
- Special Education
- Physical Education
- Art Education
- Music Education

Secondary Education to include teaching fields in: Art, Biology, Business, Chemistry, English, Foreign Language-French, History, Mathematics, Music, Physical Education, Physics, Social Science—Political Science, Psychology, Sociology.

Course requirements for the early childhood, elementary middle grades, and special education programs can be found in this section. Course descriptions for the programs in the teaching fields of secondary education in Physical Education, Art, and Music Education are found in the area of the catalog devoted to that specific academic area.

## MASTER OF EDUCATION DEGREE

North Georgia College offers a number of programs in Education where the Master of Education degree is awarded. Information related to the Graduate Programs is found in the graduate catalog.

## TEACHER EDUCATION ADMISSION REQUIREMENTS

A student who desires teacher certification, whether enrolled in the Department of Education or other departments within the college, is required to apply for admission to the Teacher Education Program. Formal application for admission to the Teacher Education Program should be made during the quarter of enrollment in Education 204 (Introduction to Education). The student is urged to complete Education 204 by the end of the Sophomore year and before enrolling in other professional education courses. A transfer student who has completed Education 204 at another institution should apply for admission at the time that he becomes eligible. Application forms may be obtained from the secretary's office in the Department of Education.

A student must be admitted to the Teacher Education Program before he is allowed to enroll in any professional education courses beyond Education 305. Any deviation from the planned sequence requires prior Department of Education approval.

To be eligible for admission to one of the teacher education programs, a student must:

1. Complete Education 204, Introduction to Education, with a grade of C or better;
2. Complete 30 or more quarter hours of credit with a quality-point ratio of 2.25 or better;
3. If a transfer student, have completed at least 15 hours of credit at North Georgia College before applying.

4. Possess physical and personal qualities appropriate for teaching.
5. Have a positive attitude toward teaching as a profession.
6. Have satisfactorily completed the attitude inventory

## SEPTEMBER FIELD EXPERIENCE

All prospective student teachers are expected to participate in a two-week teaching experience prior to the beginning of the fall quarter of the junior or senior year. This experience may take place in a school of the student's choice. Arrangements for this experience are planned jointly by the Director of Student Teaching, the student, and the school involved. The prospective student teacher spends two weeks in a school in September as a volunteer, non-paid, staff assistant in exchange for the opportunity to observe the opening, organizing, and beginning of the school year. Service for one full year as a teacher's aid or as a teacher with a provisional certificate will substitute for the September experience.

## STUDENT TEACHING

Student teaching is that part of the pre-service education program in which the prospective teacher spends full-time working in a cooperative school with a voluntary, supervising teacher. Student teaching takes place during an entire quarter of the senior year. No other class load is allowed during the student teaching quarter.

Students will have applied for and been admitted to the teacher education program and to the student teaching program prior to being placed in a cooperating school. At least two quarters prior to the quarter that a student wishes to be placed for student teaching, he or she must complete an application for student teaching which is available through the Department of Education. *Students expecting to student teach in the Spring quarter must apply not later than Fall quarter of the preceding year.*

## Prerequisites For Student Teaching

1. Completion of all professional education courses and courses appropriate to the teaching field. (Exceptions must be approved by the Coordinator of Student Teaching and the major advisor.)
2. Satisfactory completion of the September Field Experience or its equivalent.
3. Admission to the Teacher Education Program
4. Classification of senior as determined by the Registrar's Office
5. Achievement of a minimum grade point average of 2.50
6. Verification in writing by Academic Advisor of student's readiness for student teaching

## REQUIREMENTS IN COMPLIANCE WITH GEORGIA LAW

In compliance with Georgia law and regulations of the University System Board of Regents and the State Board of Education, North Georgia College requires that students preparing for teacher certification take:

1. Separate courses in Health and Physical Education (P.E. 420, 390, or 309),
2. A course in Special Education,
3. Both the common and teaching field areas of the National Teacher Examination
4. A criterion — Referenced Test appropriate to their teaching field

RETENTION IN A TEACHER EDUCATION PROGRAM

One important aspect of the teacher education program is the constant vigilance exercised by the staff involved to insure that standards of quality are maintained.

The following standards must be maintained for continued retention in a program

- 1 Compliance with rules and regulations prescribed for all students at North Georgia College.
- 2 Continuance of an acceptable history of mental, emotional, and physical health.
- 3 The final successful completion of all professional education courses with an academic grade of C or better (These courses cannot be taken by correspondence or extension work.)
- 4 Maintenance of a C average or better in the student's main area of concentration.

GUIDANCE OF TEACHER EDUCATION STUDENTS

The Head of the Department of Education has the responsibility of guiding students enrolled in teacher education programs throughout their course work. Guidance of students in the high school and grades 1-12 programs will be shared jointly between the Head of the Department of Education and the head of the student's main concentration area. The overall responsibility for the conduct of any teacher-education program rests with the Head of the Department of Education

MAJOR IN EARLY CHILDHOOD EDUCATION

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101, or 113H	5
Courses from English 203, 204 205, 206, 207	5-10	Sciences: (one ten-hour sequence)	10
Fine Arts 252 (if only one of the above is selected)	0-5	Biology 101-102	
		Chemistry 101-102, or 121-122	
		Physics 101-102; or 115-116; or 223-224, or 223-225	
		A 100-200 level five-hour course in Biology, Chemistry Mathematics or Physics. Both Physical and Biological sciences should be represented.	5
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Speech 211 or 213	5
100-200 level courses in History	15	Fine Arts 252, Art 150, 151 or Music 205	5
		Psychology 101	5
		Education 204	5
		Social Studies 251 or Education 323	5
		Approved Elective	5

EARLY CHILDHOOD EDUCATION MAJOR  
Education 301 or Psychology 301; Education 305, 311f, 415, 419  
421f, 431f

## OTHER REQUIREMENTS

Include at least one course from each group below. One course marked with an asterisk (\*) must be included in each group.

Art 331*	5
Physical Education 390*, 420*	10
Language Arts 308, 309, 420*, 421	5
Mathematics 310, 311	5
Music 306*	5
Science 332a, 333a, 443, Physics 460	5
Education 412	5
Special Education 360	5

**ELECTIVES** (from courses previously listed and courses below to bring the total number of credit hours to at least 185 exclusive of Physical Education)  
Others upon approval

**MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)** 18

**BASIC PHYSICAL EDUCATION REQUIREMENTS** (must include personal fitness and swimming, plus four others) 6

**U.S. AND GEORGIA CONSTITUTION REQUIREMENT**

**U.S. AND GEORGIA HISTORY REQUIREMENT**

## MAJOR IN MIDDLE GRADES EDUCATION

### CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES		AREA II — MATHEMATICS AND NATURAL SCIENCE	
	HOURS CREDIT		HOURS CREDIT
English 101-102	10	Mathematics 101, or 113H	5
Courses from English 203, 204		Sciences: (one ten-hour sequence)	10
205, 206, 207	5-10	Biology 101-102	
Fine Arts 252 or Modern Language		Chemistry 101-102; or 121-122	
(if only one of the above is selected) 0-5		Physics 101-102; or 115-116; or 223-224; or 223-225	
		A 100-200 level five-hour course in Biology, Chemistry, Mathematics or Physics. If sciences are selected both Physical and Biological sciences should be represented.	5
AREA III — SOCIAL SCIENCE		AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	
	HOURS CREDIT		HOURS CREDIT
Political Science 101	5	Speech 211 or 213	5
100-200 level course in History	15	Fine Arts 252, Art 150, 151 or Music 205	5
(Others upon approval)		Education 204	5
		Approved Elective	5
		Psychology 101	5
		Social Studies 251 or 323	5

### MIDDLE GRADES EDUCATION MAJOR

Education 304, 305, 311g, 418, 421g, 431g, 440 or Sp. Ed 458	45
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OTHER REQUIREMENTS:

LA 430 or LA 420	5
LA 333 or 308	5
LA 421	5
Physical Education 390, 309 or 420	6
Special Education 360	5
Math 310 or 311	5
Science 460	5

COURSES IN THE MINOR

In-depth preparation (20 hrs.) in each of two teaching areas applicable to the middle grade program, one of which must be in language arts (reading, English, spelling), mathematics, science, or social studies.	20
The remainder of the preparation must be devoted to components related to the middle grade program based upon the assessed needs of the prospective teacher. This second preparation may be in one of the four areas above or in Physical Education, Art, Career Education, or Music.	

ELECTIVES (from courses below to bring the total number of credit hours to at least 185 exclusive of Physical Education)

Art 331	
Education 416	
Mathematics 310 and/or 311	
Language Arts 333	
Music 306	
Other upon approval	

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS) 18

BASIC PHYSICAL EDUCATION REQUIREMENTS 6

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

MAJOR IN SPECIAL EDUCATION

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101	5
English 203, 204, 205, 206, 207	5-10	Sciences: (one ten-hour sequence)	10
Fine Arts 252 (if only one of the above is selected)		Biology 101-102	
		Chemistry 101-102	
		Physics 101-102	
		A 100-200 level five-hour course in Biology, Chemistry Mathematics or Physics Physical and Biological sciences should be represented	5



AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	(30 hrs. required)	
100-200 level courses		Speech 211	5
in History (Anthrop. 100,	15	Fine Arts 252	5
Psychology 205, Sociology 201		Psychology 101	5
or Business Admin. 221, 222 may		Education 204	5
be substituted with		Approved Electives	10
permission of the advisor)			
MAJOR AREA (required)			
Education 301 or Education 304			5
Education 305			5
Education 311c, f, or g			5
Education 421c, f, or g			5
Special Education 360			5
Special Education 370			5
Special Education 450			5
Special Education 470			5
Special Education 471			5
Special Education 458, 464, 472, 473 (choose 3)			15
Special Education 478			15
OTHER REQUIREMENTS			
Physics 460			5
Physical Education 390			5
Physical Education 420 (P.E. 309-1 hr. may be			
substituted with the approval of the advisor)			5
Art 331			5
Language Arts 420			5
Mathematics 310 or 311			5
ELECTIVES (choose from courses listed below to bring the total number			
of credit hours to at least 185 exclusive of basic Military Science and basic Physical			
Education)			
Special Education 480, 490, 468, 474			
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)			18
BASIC PHYSICAL EDUCATION REQUIREMENTS (Must include			
personal fitness and swimming, plus four others)			6
U.S. AND GEORGIA CONSTITUTION REQUIREMENT			
U.S. AND GEORGIA HISTORY REQUIREMENT			

# COURSES IN EDUCATION

201.	SELECTED TOPICS FOR AUXILIARY PERSONNEL.	5 hours
A survey of topics of special interest to auxiliary personnel who are preparing to work in public schools. Topics include reading, mathematics, media, child development, physical education, and writing. In addition to classroom instruction in the special topics, practical experience in public school classrooms is provided.		

- 204. INTRODUCTION TO EDUCATION. 5 hours**  
The primary purpose of this course is to furnish guidance to prospective teachers. Teaching is a profession and will be carefully analyzed. Students will study and evaluate their own abilities and traits as attributes of the teacher's personality. An overview of the American public school system will be presented.
- 301. CHILD DEVELOPMENT. 5 hours**  
(See *Psychology Courses.*)
- 302. PSYCHOLOGY OF ADOLESCENCE. 5 hours**  
(See *Psychology Courses.*)
- 303. HUMAN GROWTH AND DEVELOPMENT.\* 5 hours**  
A study of the development of the human from the prenatal period through adolescence. Focuses on the role played by maturation and experience in the social, emotional, intellectual, moral, and physical development of the individual. Includes genetic and environmental influences on the development of the person. Educational practices considered in relation to their effect on the development of children. Treats the relationship of learning and learning theory on classroom teaching and planning. Observation and study of children in public school required two hours weekly
- 304. THE NATURE AND DEVELOPMENT OF THE MIDDLE GRADE LEARNER.\* 5 hours**  
This course focuses on the nature and diversity of the middle grade learner. Emphasis is placed on the physical, emotional, social and intellectual development of children from the end of early elementary into the early high school years.
- 305. EDUCATIONAL PSYCHOLOGY. 5 hours**  
Emphasis is placed on learning; its nature, motivation, retention, appraisal, transfer, and application. Adjustment of educational practices to individual differences in abilities and interests among pupils will be considered. Weekly laboratory experiences in teaching-learning situations will be held
- 311 a. ELEMENTARY SCHOOL CURRICULUM.\* 5 hours**  
In this course consideration will be given to problems in planning for and executing appropriate learning experiences for the children of elementary grades. Directed observation in selected schools is required. Class, including laboratory, meets ten hours each week.
- 311 b. CURRICULUM FOR JUNIOR HIGH GRADES.\* 5 hours**  
In this course consideration will be given to problems in planning for an executing appropriate learning experiences for the children of grades seven through nine. Directed observation in selected schools is required. Class, including laboratory, meets ten hours each week.
- 311 c. CURRICULUM FOR THE HIGH SCHOOL GRADES.\* 5 hours**  
This course is designed to give students an overall view of the curriculum of the high school. Objectives and content of the curriculum are discussed from the standpoint of teaching. Directed observation in selected schools is required. Class, including laboratory, meets ten hours each week.

\*Prerequisite: Admittance to Teacher Education Program

- 311 d. ART EDUCATION CURRICULUM.\* 5 hours**  
In this course consideration is given to problems in planning for and executing art experiences from kindergarten through high school. Special consideration will be given to the role of the art supervisor in the total curriculum of the public school. Direct observation and teaching is required. Class, including laboratory, meets ten hours each week.
- 311 e. MUSIC EDUCATION CURRICULUM.\* 5 hours**  
Current practices and problems in planning for and executing appropriate learning experiences in general music and performance oriented groups from kindergarten through high school will be studied. Field experience and observation is required. Class, including laboratory, meets ten hours each week.
- 311 f. CURRICULUM FOR EARLY CHILDHOOD EDUCATION.\* 5 hours**  
Principles and practices for planning learning activities for pre-school and primary grades. Directed observation in selected schools is required. Class, including laboratory, meets for ten hours each week.
- 311 g. CURRICULUM FOR MIDDLE GRADES.\* 5 hours**  
In this course, consideration will be given to problems in planning for and executing appropriate learning experiences for the children of grades four through eight. Directed observation in selected schools is required. Class, including laboratory, meets ten hours each week.
- 323. TEACHING OF SOCIAL STUDIES.\* 5 hours**  
An integrated social studies course for teachers in grades K-8. Topics considered include the family, occupations, labor unions, government functions and world cultures.
- 403, 404, 405. PROBLEMS IN EDUCATIONAL PSYCHOLOGY. 2, 2, 2 hours**  
(On Demand.)  
Research done independently or in groups on problems pertinent to the field. Open to Senior departmental majors and in-service teachers.
- 406, 407, 408. PROBLEMS IN CURRICULUM AND METHODS.\* 2, 2, 2 hours**  
(On Demand.)  
Research done independently or in groups on problems pertinent to the field. Open to Senior departmental majors and in-service teachers.
- 412. THE YOUNG CHILD IN THE HOME AND COMMUNITY.\* 5 hours**  
A study of the role of the home, community, and state in the education of the young child. Special emphasis is placed upon working with parents of young children in order to get maximum home reinforcement of the knowledge and skills taught by schools.
- 414. COMMUNICATION ARTS IN EARLY CHILDHOOD.\* 5 hours**  
This course includes language development, methods and materials, literature for young children and assessment of language skills.

\*Prerequisite: Admittance to Teacher Education Program

415. **CREATIVE ACTIVITIES.\*** 5 hours  
A course designed to give students experiences in selecting and presenting art activities, stories, finger plays, music, rhythms, woodwork, science and nature experiments in early childhood education.
416. **EDUCATIONAL MEASUREMENTS AND EVALUATION.\*** 5 hours  
Prerequisites: Two courses in education or psychology or equivalent  
Theory of and practice in construction, administration, and interpretation of other tests and other measuring devices for mental ability, special aptitudes, scholastic achievement and personality.
417. **MENTAL HYGIENE.** 5 hours  
(See *Psychology Courses.*)
418. **PRINCIPLES OF GUIDANCE.\*** 5 hours  
A survey of vocational and educational guidance service designed to give a fundamental understanding of the role of guidance in school programs.
419. **PRACTICUM IN THE NURSERY SCHOOL AND KINDERGARTEN.\*** 5 hours  
(By permission of ECE Coordinator)  
Observation and participation in an early childhood program with scheduled seminar discussion groups. Class, including laboratory, meets for ten hours each week.
- 421 a. **MATERIALS AND METHODS IN THE ELEMENTARY SCHOOL.\*** 5 hours  
Basic techniques involved in the effective guidance of the learning of children in the elementary school, as well as the various instructional materials adapted for use at this level, are studied. Directed observation in selected schools is required. Class, including laboratory, meets ten hours each week.
- 421 b. **MATERIALS AND METHODS IN THE JUNIOR HIGH GRADES.\*** 5 hours  
Basic techniques involved in the effective guidance of learners in grades seven through nine, as well as the various instructional materials adapted for use at this level, are studied. Directed observation in selected schools is required. Class, including laboratory, meets ten hours each week.
- 421 c. **MATERIALS AND METHODS FOR HIGH SCHOOL GRADES.\*** 5 hours  
Basic techniques involved in the effective guidance of learners in high school grades and in various instructional materials adapted for use at this level are studied. Directed observation in selected schools is required. Class, including laboratory, meets ten hours each week.
- 421 d. **MATERIALS AND METHODS FOR ART EDUCATION.\*** 5 hours  
Basic techniques involved in effective methods of guiding and supervising art programs in the public school from kindergarten through high school. The use of various instructional materials appropriate for the various levels will also be studied. Directed observation and teaching is required. Class, including laboratory, meets ten hours each week.

\*Prerequisite: Admittance to Teacher Education Program

- 421 e. **MATERIALS AND METHODS FOR MUSIC EDUCATION.\*** 5 hours  
Techniques and materials involved in the effective guidance of learners in kindergarten through high school are studied. Field experience and observation is required. Class, including laboratory, meets ten hours per week.
- 421f. **MATERIALS AND METHODS IN EARLY CHILDHOOD EDUCATION.\*** 5 hours  
Prerequisite: 419. Materials and methods for teaching the basic techniques involved in the effective guidance of the learning of children in nursery schools, kindergartens, and early elementary grades; survey of current materials of instruction and directed observation of young children and teachers at work. Meets ten hours each week.
- 421g. **MATERIALS AND METHODS IN THE MIDDLE GRADES.\*** 5 hours  
Basic techniques involved in the effective guidance of learners in grades four through eight, as well as the various instructional materials adapted for use at this level, are studied. Directed observation in selected schools is required. Class, including laboratory, meets ten hours each week.
430. **PSYCHOLOGY OF THE DISADVANTAGED.** 5 hours  
(See *Psychology Courses*.)
- 431 a. **STUDENT TEACHING IN THE ELEMENTARY SCHOOL.\*** 15 hours  
Prerequisites: Scholastic standing of at least 2.25, completion of Language Arts 420, Education 311a, 421a, 204, 305 and 301 with a grade of at least C; enrollee at North Georgia College for two quarters; written application approved two quarters in advance.
- 431 b. **STUDENT TEACHING IN THE JUNIOR HIGH GRADES.\*** 15 hours  
Prerequisites: Scholastic standing of at least 2.25, completion of Education 311b, 421b, 204, 305, 302 with grades of at least C in each; enrollee at North Georgia College for two quarters; written application approved two quarters in advance.
- 431 c. **STUDENT TEACHING IN THE HIGH SCHOOL GRADES.\*\*** 15 hours  
Prerequisites: Scholastic standing of at least 2.25, completion of Education 311c, 421c, 204, 305a with grades of at least C in each; enrollee at North Georgia College for two quarters; written application approved two quarters in advance.
- 431 d. **STUDENT TEACHING IN ART.\*\*** 15 hours  
Prerequisites: Scholastic standing of at least 2.25, completion of Education 311d, 421d, 204, 305 with a grade of at least C in each; enrollee at North Georgia College for two quarters; written application approved two quarters in advance.
- 431 e. **STUDENT TEACHING IN MUSIC.\*\*** 15 hours  
Prerequisite: Scholastic standing of at least 2.25, completion of Education 311e, 421e, 204, 305 with a grade of at least C in each; enrollee at North Georgia College for two quarters, written application approved two quarters in advance.

\*Prerequisite: Admittance to Teacher Education Program



- 431 f. **STUDENT TEACHING IN EARLY CHILDHOOD.\*\*** 15 hours  
Prerequisites: Scholastic standing of at least 2.25, completion of Education 301, 305, 311f, 421f, Language Arts 420 with a grade of at least C; enrollee at North Georgia College for two quarters; written application approved two quarters in advance.
- 431 g. **STUDENT TEACHING IN THE MIDDLE GRADES.\*** 15 hours  
Prerequisites: Scholastic standing of at least 2.25, completion of Education 311g, 421g, 204, 305, 304 with grades of at least C in each; enrollee at North Georgia College for two quarters; written application approved two quarters in advance.
440. **CLASSROOM MANAGEMENT AND ORGANIZATION.\*** 5 hours  
This course is designed to provide classroom teachers with knowledge and skills for managing the total instructional setting, including the individualization of instruction. Emphasis will be placed on grouping, teacher-student relationships, establishing the classroom environment and coping with class conflict.
441. **EDUCATIONAL MEDIA.\*** 5 hours  
(On Demand.)  
The psychological principles underlying the use of audio-visual equipment and materials will be discussed. Some laboratory work will be included.
454. **FOUNDATIONS OF EDUCATION.\*** 5 hours  
(On Demand.)  
A study of the historical, sociological, economic, psychological, and philosophical foundations of education. Teachers aids or in-service teachers may take this course in lieu of Education 204.
460. **TEACHING ELEMENTARY SCHOOL SCIENCE.\*** 5 hours  
An overview of the recently developed methods and materials in the teaching of elementary school science. Emphasis is given to improving the conceptual level in science, to scientific inquiry and to teacher-pupil involvement in the processes of science.
467. **CAREER EDUCATION.\*** 5 hours  
This course provides the student with an orientation toward specialized skills and approaches in implementing world of work concepts through numerous classroom and field based activities. The student will examine existing materials for the purpose of adaptation to the classroom setting.

## COURSES IN SPECIAL EDUCATION

360. **INTRODUCTION TO EXCEPTIONAL CHILDREN.** 5 hours  
A study of physical, social, mental and emotional differences as found in children. The characteristics, both physical and behavioral, as well as methods of diagnosis and remediation for the academically talented, the mentally retarded, blind, partially sighted, deaf or hard of hearing, specific learning disabilities, culturally disadvantaged and behavior disordered are reviewed.

\*Prerequisite: Admittance to Teacher Education Program

\*\*Observation and participation in teaching is accomplished in the appropriate schools throughout the day during the quarter. Gradual induction into the situation will take place, leading to increased responsibility and finally to full time teaching. A student teacher making satisfactory progress will assume the complete teaching load for at least three weeks. Conferences will be held throughout the quarter with the college supervisor. Three seminars will be held on campus.

- 370. INTRODUCTION TO MENTAL RETARDATION.\* 5 hours**  
A course designed to review the historical treatment, etiology and characteristics of the mentally retarded. Methods of diagnosing, placing and working with the retarded will be covered.
- 450. EDUCATIONAL ASSESSMENT OF EXCEPTIONAL CHILDREN.\* 5 hours**  
A course designed to provide a background of formal and informal evaluative procedures for use with children who have various types of learning problems. The course includes individual tutoring and prescriptive teaching techniques.
- 458. BEHAVIOR MANAGEMENT.\* 5 hours**  
A course emphasizing clinical management of life events, permitting, tolerating, interfering, environmental manipulation, and life-space interviewing. Focuses on disturbed children in specific settings.
- 464. WORKING WITH PARENTS OF EXCEPTIONAL CHILDREN.\* 5 hours**  
A course designed to teach the techniques which an educator might use in communicating with parents of exceptional children. The means of interpreting handicapping conditions and school programs to parents in order to get maximum home reinforcement of the attitudes, skills and knowledge taught in school will be covered.
- 468. EDUCATIONAL AND MEDICAL ASPECTS OF CRIPPLING AND SPECIAL HEALTH CONDITIONS.\* 5 hours**  
A study of physically disabling conditions which cause educational difficulties, orthopedic conditions, progressive deterioration conditions, low vitality conditions, central nervous system injury and multiple handicaps will be covered.
- 469. PRACTICUM IN THE HOME/HOSPITAL.\* 10 hours**  
Prerequisites: Sp.Ed. 360, 468. Supervised practicum in programs for the home or hospital bound student.
- 470. METHODS AND MATERIALS FOR TEACHING THE MENTALLY RETARDED.\* 5 hours**  
Prerequisites: Special Ed. 370 and 450. Methods and materials as they relate to the development of desirable attitudes, abilities and skills of the educable mentally retarded.
- 471. CURRICULUM FOR SPECIAL EDUCATION PROGRAMS.\* 5 hours**  
Prerequisites: SpEd 370 and Sp.Ed. 450. Curriculum development skills that will enable the special educator to match the individual student with the educational curriculum that best meets the students' needs.
- 472. SPEECH AND LANGUAGE DEVELOPMENT FOR EXCEPTIONAL CHILDREN.\* 5 hours**  
This course covers the current understanding of speech and language development for exceptional children. A study of methods, materials, and experiences.

\*Prerequisite: Admittance to Teacher Education Program

473. **VOCATIONAL TRAINING AND CAREER EDUCATION FOR THE EXCEPTIONAL CHILD.\*** 5 hours  
A course emphasizing the educator's role in vocational experiences in the school and out of the school setting. Job placement, working with other disciplines and agencies in the community and supervision in job training situations will be covered
474. **METHODS AND MATERIALS FOR TEACHING SEVERELY MENTALLY RETARDED.\*** 5 hours  
A course covering diagnostic criteria and the development of teaching materials and relationships with community organizations interested in developing a public school, private school, community center or institutional program for severely mentally retarded children.
478. **STUDENT TEACHING WITH THE MENTALLY RETARDED.\*** 15 hours  
Prerequisites: Special Ed 360, 370, 450, 470
480. **INTRODUCTION TO THE EDUCATION OF CHILDREN WITH EMOTIONAL PROBLEMS.\*** 5 hours  
A course designed to discuss behavioral characteristics of children with emotional problems in terms of etiology, identification, behavior management and curricular planning (Elective for B.S. in Sp.Ed. with major in MR; the beginning course sequence on Emotionally Disturbed)
481. **METHODS AND MATERIALS FOR TEACHING CHILDREN WITH BEHAVIORAL/EMOTIONAL DISORDERS.\*** 5 hours  
Prerequisites: Sp. Ed 480. A review of major approaches in the education of behavioral and emotionally disordered children. Understanding and planning adaptations in the educational programs for disturbed children. Appropriate plans and materials are identified for use with disordered children
485. **CHARACTERISTICS OF THE GIFTED.\*** 5 hours  
A course covering the identification and characteristics of gifted and talented students from pre-school through high school. Consideration is given to the exploration of alternatives for recognizing gifted and talented children who are culturally different and/or underachieving. Alternative service models and the major instruments used for identifying gifted and talented will be studied
486. **PROGRAM DEVELOPMENT AND CURRICULUM PLANNING FOR THE GIFTED.\*** 5 hours  
Prerequisites: Sp. Ed 485. Methods and materials as they relate to fostering creativity, developing interests and channeling abilities of the gifted and talented students from pre-school through high school. The course will explore ways of organizing and promoting programs within the public school setting
487. **PRACTICUM WITH THE GIFTED.\*** 5 hours  
Prerequisites: Sp. Ed 485/685, 486/686. Supervised practicum in programs for the gifted.

\*Prerequisite: Admittance to Teacher Education Program

- |      |  |         |
|------|--|---------|
| 490. | <b>INTRODUCTION TO THE EDUCATION OF CHILDREN WITH LEARNING DISABILITIES.*</b><br>A course giving an overview of the field of learning disabilities as concerned with referral diagnosis, management and educational practices (Elective for B.S. in Sp. Ed. with major in MR, the beginning course in sequence on Learning Disabilities) | 5 hours |
|------|--|---------|

**SPECIALIZED COURSES FOR ELEMENTARY AND JUNIOR HIGH GRADE TEACHERS.**

**ART**

- |      |   |         |
|------|---|---------|
| 331. | <b>ELEMENTARY ART.</b><br>(See courses in Fine Arts.)       | 5 hours |
| 332. | <b>SECONDARY SCHOOL ART.</b><br>(See courses in Fine Arts.) | 5 hours |

**HEALTH AND PHYSICAL EDUCATION**

- |      |  |         |
|------|--|---------|
| 105. | <b>NUTRITION EDUCATION.</b><br>(See Nursing Education.)  | 5 hours |
| 309. | <b>LIFE AND ACTIVITY.</b><br>(See courses in Physical Education.)                                  | 1 hour  |
| 390. | <b>HEALTH EDUCATION.</b><br>(See courses in Physical Education.)                                   | 5 hours |
| 420. | <b>ELEMENTARY AND SECONDARY SCHOOL PHYSICAL EDUCATION.</b><br>(See courses in Physical Education.) | 5 hours |

**LANGUAGE ARTS**

- |      |   |         |
|------|---|---------|
| 308. | <b>CHILDREN'S LITERATURE.</b><br>The reading and evaluation of books for children. Discussed in the course are sources of information about children's books, children's interest in reading, the work of important authors and illustrators, and problems in the guidance of reading   | 5 hours |
| 309. | <b>LANGUAGE ARTS FOR THE ELEMENTARY GRADES.*</b><br>This course provides for individual diagnosis and correction of problems in the student's handwriting, spelling, oral and written expression. Consideration is given to the study of appropriate techniques and materials for the teaching of reading, handwriting, spelling, and oral and written expression in the elementary school. | 5 hours |
| 333. | <b>JUVENILE LITERATURE.*</b><br>Reading and study of the various types of literature for young people, as well as a study of the appropriate reading programs for junior high school pupils, are included in this course  | 5 hours |

Prerequisite: Admittance to Teacher Education Program

420. **THE TEACHING OF READING.\*** 5 hours  
An intensive study of reading skills. The role of readiness, vocabulary development, phonics, and word recognition as each is related to comprehension will be studied. Students will be required to participate in the teaching of reading in the public schools. Required of elementary education major prior to student teaching.
421. **THE ANALYSIS AND CORRECTION OF READING DISABILITIES.\*** 5 hours  
Prerequisites: Language Arts 420. Causes of reading disability; methods of diagnosis; procedures and materials for corrective work, group and individual. A minimum of 12 hours per week will be devoted to teaching a child to read or in the reading laboratory.
430. **TEACHING READING IN THE MIDDLE, JUNIOR HIGH AND SECONDARY SCHOOLS: A BASIC SURVEY COURSE IN READING.\*** 5 hours  
Study of objectives and methods for teaching comprehension, vocabulary, study skills and critical reading in the content areas. Attention is focused on remedial and enrichment techniques for secondary students, refinement of teaching strategies to improve content area instruction and to create appreciation of and interest in reading.

## MATHEMATICS

310. **INTRODUCTION TO MATHEMATICS FOR ELEMENTARY AND JUNIOR HIGH TEACHERS I.** 5 hours  
(See courses in Mathematics.)
311. **INTRODUCTION TO MATHEMATICS FOR ELEMENTARY AND JUNIOR HIGH TEACHERS II.** 5 hours  
(See courses in Mathematics.)

## MUSIC

205. **MUSIC HISTORY AND APPRECIATION.** 5 hours  
(See courses in Fine Arts.)
252. **FINE ARTS** 5 hours  
(See courses in Fine Arts.)
306. **MUSIC FOR THE ELEMENTARY GRADES.** 5 hours  
(See courses in Fine Arts.)

## SCIENCE

- 332 a. **BIOLOGY FOR THE ELEMENTARY SCHOOL.** 3 hours  
A course designed to enable elementary teachers to better understand how organisms reproduce and maintain themselves. Demonstrations and experiments suitable for elementary classrooms will be performed.

\*Prerequisite: Admission to Teacher Education Program



- 332 b. **BIOLOGY FOR THE JUNIOR HIGH GRADES.** 3 hours  
A course designed to develop in junior high grades teachers ecological concepts and understanding pertaining to organisms. Demonstrations and experiments suitable for use in grades seven through nine will be performed
- 333 a. **PHYSICAL SCIENCE FOR THE ELEMENTARY SCHOOL.** 5 hours  
A course dealing with the everyday aspects of physics, chemistry, and astronomy as they might need to be explained by the elementary teacher with little specific training in the physical sciences. The work will include demonstrations and suitable experiments that can be performed with materials available in the average elementary and home situation.
- 333 b. **PHYSICAL SCIENCE FOR THE JUNIOR HIGH GRADES.** 5 hours  
A course concerning the everyday aspects of physics, chemistry, and astronomy for teachers of grades seven, eight, and nine. In addition to content, the class members will be encouraged to prepare and present related demonstrations applicable to teaching situations at this level.
443. **EARTH SCIENCE FOR THE ELEMENTARY AND JUNIOR HIGH SCHOOLS.** 4 hours  
In this course, the earth and the resources it provides will be studied. Elementary concepts of Geology will be introduced. Problems pertaining to the conservation of such resources as soil, water, forests, wildlife and minerals will be emphasized. Three hours of class and two hours of laboratory work weekly
- Ed. 460. **TEACHING ELEMENTARY SCHOOL SCIENCE.** 5 hours  
(See course in Education listing).

## **SOCIAL STUDIES**

251. **WORLD HUMAN GEOGRAPHY.** 5 hours  
World conditions will be studied with reference to the adaptations made to them by man. The influence of geographical factors on modes of living, types of occupations, social organization and government will be given emphasis

# DEPARTMENT OF ENGLISH

Mary Ruth Miller, Department Head

## MAJOR IN ENGLISH

### CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101, 102; or 113H	5-10
Courses from English 203, 204, 205, 206, 207	10	Sciences: (one ten-hour sequence)	10
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	French, German or Spanish	10-20
Courses from History 100, 101, 102, 103, 110, 111, 251, 252, 253	10	Courses from English 203, 204, 205, 206, 207 other than those used in Area I; History 251, 252, 253 other than those used in Area III; Fine Arts 252, Speech 211	10-20
Psychology 101	5		

#### COURSES IN THE MAJOR

A total of nine English courses in addition to those taken in Area I of the Core Curriculum, including at least 35 hours from 300-400 courses

#### COURSES IN THE MINOR

Under the direction of the department head, the student will select a related departmental minor

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)

BASIC PHYSICAL EDUCATION REQUIREMENTS

MODERN LANGUAGE REQUIREMENTS

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

### MAJOR IN ENGLISH — SECONDARY EDUCATION

(For Core Curriculum Requirements, Area I, Area II, Area III see above). Fine Arts 252 and Speech 211 in Area IV are required.

#### COURSES IN THE MAJOR

A total of nine English courses in addition to those taken in Area I of the Core Curriculum, including at least 35 hours from 300-400 courses. At least 5 hours must be from American Literature. It is emphatically suggested that English 307, English 401, an English literature course, and a world literature course be taken.

#### PROFESSIONAL EDUCATION SEQUENCE

Education 204, 305, 311c, 421c, 431c

<b>OTHER REQUIREMENTS</b>	
Physical Education 390 and 309	6
Special Education 360 or 490	5
Language Arts 430 or 420	5
<b>ELECTIVES (to bring total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)</b>	
<b>MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)</b>	18
<b>BASIC PHYSICAL EDUCATION REQUIREMENTS</b>	6
<b>MODERN LANGUAGE REQUIREMENTS</b>	20
<b>U.S. AND GEORGIA CONSTITUTION REQUIREMENT</b>	
<b>U.S. AND GEORGIA HISTORY REQUIREMENT</b>	

**MINOR IN ENGLISH**

Courses from the following:	
English 203, 204, 205, 206, 207, in Area I of the Core Curriculum	10
English courses at the 300-400 level	20

**COURSES IN ENGLISH**

101.	<b>GRAMMAR AND COMPOSITION.</b>	<b>5 hours</b>
	The study of basic English grammar with emphasis on intensive composition. A grade of C or better in English 101 is required for graduation.	
102.	<b>COMPOSITION.</b>	<b>5 hours</b>
	Prerequisite: C or better in English 101. Emphasis on extensive composition based on the literary genres.	
203, 204.	<b>A SURVEY OF ENGLISH LITERATURE.</b>	<b>5, 5 hours</b>
	Prerequisite: English 102. A chronological study of the works of major British writers from the beginning to the present.	
205, 206.	<b>A SURVEY OF WORLD LITERATURE.</b>	<b>5, 5 hours</b>
	Prerequisite: English 102. A survey of World Literature from Homer to the present, with attention to artistic form and currents of thought related to Western Culture.	
207.	<b>CONTEMPORARY AMERICAN LITERATURE.</b>	<b>5 hours</b>
	Prerequisite: English 102. A study of selected works of American literature of the twentieth century.	
301.	<b>FOLKLORE OF THE AMERICAN PEOPLE.</b>	<b>5 hours</b>
	An introduction to the various genera of folk material and the techniques of its recognition and study. Special attention given to the folklore of the southern Appalachian region.	
302.	<b>AMERICAN LITERATURE TO 1860.</b>	<b>5 hours</b>
303.	<b>AMERICAN LITERATURE FROM 1860 TO THE PRESENT.</b>	<b>5 hours</b>

304. **SOUTHERN LITERATURE.** 5 hours  
The literature of the South, including a brief background study of the literary trends from the Civil War to the Southern Renaissance and concentrating on writers of the twentieth century.
306. **SHAKESPEARE.** 5 hours  
A study of selected comedies, chronicles, and tragedies, with emphasis on the tragedies.
307. **ADVANCED ENGLISH GRAMMAR.** 5 hours
309. **THE NOVEL.** 5 hours  
Studies in the development of prose fiction from the Eighteenth Century to the present
315. **MODERN DRAMA.** 5 hours  
A study of the work of modern dramatists, beginning with Ibsen.
350. **ADVANCED COMPOSITION.** 5 hours
401. **HISTORY OF THE ENGLISH LANGUAGE.** 5 hours  
A study of the background, origins, and development of the English language, with emphasis on phonological and morphological aspects.
420. **SELECTED STUDIES.** 1-5 hours  
Prerequisite: Permission of the Department. Reading, investigating, and writing in the classroom or under informal direction of the faculty on selected topics or areas not covered in other catalog listings. This course may be repeated for credit.
440. **CHAUCEER.** 5 hours  
Emphasis on *The Canterbury Tales*.
460. **ENGLISH RENAISSANCE.** 5 hours  
A survey of on-dramatic English literature from 1500 to the Restoration.
470. **MILTON.** 5 hours  
A study of Milton in the context of his classical background and late Renaissance environment. Major emphasis on the poetry.
480. **ENGLISH LITERATURE OF THE EIGHTEENTH CENTURY.** 5 hours
490. **ENGLISH LITERATURE OF NINETEENTH CENTURY ROMANTICISM.** 5 hours  
Emphasis on the major poets.
495. **ENGLISH LITERATURE OF THE VICTORIAN ERA.** 5 hours  
Emphasis on the major poets.

# FINE ARTS DEPARTMENT

Robert L. Owens, Department Head

The Fine Arts Department includes courses of study in the areas of Visual Arts, Music, Speech and Drama. A Bachelor of Arts degree is offered in Craft Design. A Bachelor of Science degree is offered in Art Education, Music Education and Craft/Marketing. Any student may minor in Fine Arts with an emphasis in either Art, Music, or Speech and Drama.

## Portfolio Requirements:

All art students will be required to submit a portfolio of art work to the art faculty for the purpose of review and counseling during the junior year. Transfer students will be admitted to the art program and transfer credits accepted into the program after one quarter resident work and a portfolio review.

## Ensemble and Recital Participation:

All music education majors are required to participate in a performing organization each quarter with the exception of the quarter in which student teaching is done. All music education majors are required to attend recitals and concerts. Such participation is considered a vital part of the student's music education.

## Comprehensive Exit Examinations:

All art majors must meet portfolio and art history proficiency requirements before graduation. Music majors must meet senior recital and music theory requirements before graduation. In addition, art education and music education majors must also take the National Teachers Examination.

## North Georgia College Visual Arts Collection:

A permanent collection of original art work is being acquired through the purchase and donation of professional and student art work. Of particular interest is a collection of regional folk craft items.

## North Georgia College Music Scholarships:

The C. J. Dismukes Scholarship Fund and the Alva N. Pendergrass Fund awards a limited number of music scholarships each year. These are awarded on the basis of merit. Further information may be obtained by writing the Coordinator of Music, North Georgia College, Dahlonega, Georgia 30597.



## MAJOR IN ART EDUCATION

### CORE CURRICULUM REQUIREMENTS

AREA I—HUMANITIES		AREA II—MATHEMATICS AND NATURAL SCIENCE	
	HOURS CREDIT		HOURS CREDIT
English 101-102	10	Mathematics 101, 102, 113H, 120	5
Courses from English 203, 204 205, 206, 207	5-10	Sciences: (one ten-hour sequence)	10
Choice of the following if only one of the above is selected:		Biology 101-102 or 101-103	
Fine Arts 252 or any appropriate course in the		Chemistry 101-102, 115-116; or 121-122	
Modern Languages	5	Physics 101-102; 115-116, or 223-224, or 223-225	
		A 100-200 level five-hour course in Biology, Chemistry, Mathematics or Physics.	5
AREA III — SOCIAL SCIENCE		AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	
	HOURS CREDIT		HOURS CREDIT
Political Science 101	5	Music and/or Drama	5
100-200 level History courses	5-15	Education 204	5
Courses selected from the following	0-10	Courses from Art 101, 103, 104	15
Anthropology 100		Visual Arts Survey 150, 151	5
Psychology 101, 205			
Sociology 100, 201			
Business Admin 221, 222			
ART EDUCATION MAJOR			
Courses from the following.			
Art 101, 102, 103, 104, 105, 106, 107 (any six)			30
Visual Art Survey 150, 151			10
Art 310, 315, 320, 345, 380			10
Art 410, 415, 420, 480			5
Art 340, 360, 365, 370			10
Art 440, 460, 465, 470			5
Art History 350, 351, 450, 451			10
Art Education 331, 332			10
Art 490			1
Other Requirements : History 100			5
COURSES IN THE MINOR			
A professional education sequence. Education 204, 305, 311d, 412d, 431d.			35
OTHER REQUIREMENTS			
Physical Education 390 or 420			10
Special Education 360			5
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)			
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)			18
U.S. AND GEORGIA CONSTITUTION REQUIREMENT			
U.S. AND GEORGIA HISTORY REQUIREMENT			

## MAJOR IN CRAFT DESIGN

### CORE CURRICULUM REQUIREMENTS

AREA I—HUMANITIES		AREA II—MATHEMATICS AND NATURAL SCIENCE	
	HOURS CREDIT		HOURS CREDIT
English 101-102	10	Mathematics 101, 102, 113H, 120	5
Courses from English 203, 204, 205, 206, 207	5-10	Sciences: (one ten-hour sequence)	10
Choice of the following if only one of the above is selected		Biology 101-102-103 (any two)	
Fine Arts 252 or any appropriate course in the Modern Languages	5	Chemistry 101-102; 115-116, or 121-122	
		Physics 101-102; 115-116; or 223-224, or 223-225	
		A 100-200 level five-hour course in Biology, Chemistry, Mathematics or Physics	5
AREA III — SOCIAL SCIENCE		AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	
	HOURS CREDIT		HOURS CREDIT
Political Science 101	5	Language	10
100-200 level History courses	5-15	Courses from the following: Art	
Courses selected from the following: 0-10		101, 103, 104	15
Anthropology 100		Visual Arts Survey 150, 151	5
Psychology 101, 205			
Sociology 100, 210			
Business Admin. 221, 222			
CRAFT DESIGN MAJOR			
Courses from the following			
Art 101, 102, 103, 104, 105, 106, 107, 108 (any six)			30
Visual Arts Survey 150, 151			10
Art History 350, 351, 450, 451			10
Intermediate Studio on 300-400 level			30
Studio Concentration on 400 level			20
Art 490			1
OTHER REQUIREMENTS			
Music and/or Drama			5
History 100			5
COURSES IN THE MINOR			
Under the direction of the department head, the student will select a closely-related departmental minor.			minimum—20
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)			
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)			
			18
BASIC PHYSICAL EDUCATION REQUIREMENTS			
			6
MODERN LANGUAGE REQUIREMENTS: One Language			
			20
U.S. AND GEORGIA CONSTITUTION REQUIREMENT			
U.S. AND GEORGIA HISTORY REQUIREMENT			

## MAJOR IN CRAFT/MARKETING

### CORE CURRICULUM REQUIREMENTS

AREA I—HUMANITIES	HOURS CREDIT	AREA II—MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101, 102	10
Courses from English 203, 204 205, 206, 207	5-10	Sciences: (one ten-hour sequence) Biology 101-102	10
Choice of the following if only one of the above is selected. Fine Arts 252 or any appropriate course in the Modern Languages	5	Chemistry 101-102, or 121-122 Physics 101-102; or 223-224, 223-225	
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Art 101, 107, 108	15
Courses from History 101, 102, 103, 251, 252, 253	5-15	BA 221, 231 and 232	15
Courses from Business Admin 221 Psychology 101, or Sociology 100, Anthropology 100	0-10		
CRAFT/MARKETING MAJOR			
Art Courses from the following			
Art 310 or 315			5
Art History 150, 151			5
Art 360			5
Art 365			5
Art 370			5
Art 345			5
Art elective			5
Business Courses from the following:			
BA 371			5
BA 372			5
BA 361			5
BA 466			5
BA 392			5
Five hours of Business Administration Courses subject to the approval of the advisor			
OTHER REQUIREMENTS			
Internship 485 (Craft/Marketing)			15
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)			
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)			
BASIC PHYSICAL EDUCATION REQUIREMENTS			
U S. AND GEORGIA CONSTITUTION REQUIREMENT			
U S. AND GEORGIA HISTORY REQUIREMENT			

## MAJOR IN MUSIC EDUCATION

### CORE CURRICULUM REQUIREMENTS

AREA I—HUMANITIES		AREA II—MATHEMATICS AND NATURAL SCIENCE	
	HOURS CREDIT		HOURS CREDIT
English 101-102	10	Mathematics 101, 113H	5
Courses from English 203, 204, 205, 206, 207	5-10	Sciences: (one ten-hour sequence)	10
Choice of the following if only one of the above is selected		Biology 101-102	
Fine Arts 252 or any appropriate course in the Modern Languages	5	Chemistry 101-102, or 121-122	
		Physics 101-102, or 223-224, or 223-225	
		A 100-200 level five-hour course in Biology, Chemistry, Mathematics or Physics	5
AREA III—SOCIAL SCIENCE		AREA IV—COURSES APPRO- PRIATE TO MAJOR FIELD	
	HOURS CREDIT		HOURS CREDIT
Political Science 101	5	Courses from Music 100, 101, 102, 103	10
100-200 level History courses	5-15	Courses from Music 200, 201 202, 203	10
Courses selected from the following	0-10	Music 130, 230	12
Anthropology 100			
Psychology 101, 205			
Sociology 100, 201			
Business Admin. 221, 222			
MUSIC EDUCATION MAJOR			
Music 100*, 101*, 102*, 103*			10
Music 200*, 201*, 202*, 203*			10
Music 221, 222, 223			6
Music 301, 302			6
Music 309			5
Music 321, 322, 323 (two required)			4
Music 417			5
Music 356, 357, 358			9
Music 130*, 230*, 330 (Applied Principle)			18
(Applied Secondary)			6
OTHER REQUIREMENTS: Art 331, 332, 150, 151 or Speech			5
COURSES IN THE MINOR			
A professional education sequence of Education 204, 305, 311e, 421e, 431e			35
OTHER REQUIREMENTS			
Physical Education 420, 390 or 309			6-10
Special Education 360			5
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)			18
U S AND GEORGIA CONSTITUTION REQUIREMENT			
U S AND GEORGIA HISTORY REQUIREMENT			

\*These courses meet Area IV Core Curriculum requirements

## MINOR IN FINE ARTS

A minor in Fine Arts will require 25 hours with a concentration in either Art, Music, or Drama. A program of study will need the approval of the Head of the Fine Arts Department

Emphasis in Art.	
Applied Art Courses	5-15
Art History	5-15
Music or Speech and Drama	5
Emphasis in Speech and Drama.	
Speech and Drama	15
Applied Drama	5
Art or Music	5
Emphasis in Music:	
Applied Music and Ensemble	4-8
Fundamentals and Theory	6
Music History	3-9
Art or Speech and Drama	5

## COURSES IN FINE ARTS

552.	<b>FINE ARTS.</b> Basic Principles of the Visual Arts and Music are exemplified in selected works from each of the disciplines.	5 hours
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485.	<b>GEORGIA INTERN PROGRAM IN FINE ARTS.</b>	5-15 hours
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### COURSES IN ART

All 5 hour Studio Courses will meet two (2) periods per day, five (5) days per week.

101.	<b>BASIC DRAWING I.</b> Fundamentals of drawing from still life objects and the study of perspective.	5 hours
102.	<b>BASIC DRAWING II.</b> Fundamentals of drawing from the live model.	5 hours
103.	<b>BASIC DESIGN I.</b> Introduction to sculpture and the organization of materials into three dimensional design problems.	5 hours
104.	<b>BASIC DESIGN II.</b> Introduction theories and basic fundamentals of 2-d design	5 hours
105.	<b>BASIC DESIGN III.</b> Introductory theories of color with pigment and light	5 hours
106.	<b>BASIC PAINTING MEDIA ANALYSIS.</b> Introduction to painting problems using a variety of techniques and painting media	5 hours



107.	<b>BASIC CRAFT MEDIA ANALYSIS.</b> Introduction to a variety of craft techniques and design problems.	5 hours
108.	<b>BASIC PHOTOGRAPHIC DESIGN.</b> Introduction to design concepts which make use of simple photographic techniques	5 hours
150.	<b>VISUAL ARTS SURVEY I.</b> The history of art from the prehistoric to the Renaissance.	5 hours
151.	<b>VISUAL ART SURVEY II.</b> The history of art from the Renaissance to the present.	5 hours
310.	<b>DRAWING.</b> Prerequisites: Art 101 and 102. Draftsmanship development and individual interpretation of ideas are emphasized	5 hours
Ed. 311d.	<b>ART EDUCATION CURRICULUM.</b> (See courses in Education)	5 hours
315.	<b>WATER COLOR PAINTING.</b> Prerequisite: Art 106 Water color techniques and criticism.	5 hours
316.	<b>ACRYLIC PAINTING.</b> Prerequisite: Art 106 Acrylic painting techniques and criticism.	5 hours
317.	<b>OIL PAINTING.</b> Prerequisite: Art 106. Oil painting techniques and criticism.	5 hours
320.	<b>SCULPTURE.</b> Prerequisite: Art 103. Organization of ideas and technical problems in sculpture.	5 hours
331.	<b>ELEMENTARY SCHOOL ART.</b> Art concepts directed toward the pre-school and elementary grade levels. Studio work will involve basic experimentation with art materials, teaching techniques, and art educational philosophy that can be applied to an elementary school program.	5 hours
332.	<b>SECONDARY SCHOOL ART.</b> Art concepts directed toward the adolescent and adult age levels. Studio work will involve basic experimentation with art materials, teaching techniques, and art educational philosophy that can be applied to a secondary school and/or adult art program.	5 hours
340.	<b>GRAPHICS.</b> Organization of ideas and technical problems in printmaking	5 hours
345.	<b>LETTERING.</b> Communication problems of calligraphy and letter design.	5 hours
350.	<b>CONTEMPORARY ART HISTORY.</b> Contemporary art and its development	5 hours

351. **AMERICAN ART HISTORY.** 5 hours  
The development of painting, sculpture, architecture, and crafts in the United States
360. **TEXTILE DESIGN.** 5 hours  
Prerequisite: Art 107. Organization of ideas and technical problems involved with the surface enrichment of fabrics.
365. **WEAVING.** 5 hours  
Organization of ideas and technical problems involved with the construction of fabrics.
370. **POTTERY.** 5 hours  
Organization of ideas and hand building technical problems in clay and pottery making.
380. **PHOTOGRAPHY.** 5 hours  
Organization of ideas and technical problems of the photographic process.
- 410, 411, 412, 413, 414. **DRAWING.** 5 hours  
A sequence of directed studies in drawing.
- 415, 416, 417, 418, 419. **PAINTING.** 5 hours  
A sequence of directed studies in painting.
- 420, 421, 422, 423, 424. **SCULPTURE.** 5 hours  
A sequence of directed studies in sculpture.
- Ed. 421d. **MATERIALS AND METHODS FOR ART EDUCATION.** 5 hours  
(See courses in Education)
430. **PROBLEMS IN TEACHING ART.** 1 hour  
Supervised teaching of art with program planning, motivation, classroom leadership and criticism. Designed for classroom teachers.
- Ed. 431d. **STUDENT TEACHING IN ART.** 15 hours  
(See courses in Education)
- 440, 441, 442, 443, 444. **GRAPHICS.** 5 hours  
A sequence of directed studies in printmaking.
450. **NON-WESTERN ART HISTORY.** 5 hours  
An analysis of art monuments of Non-Western cultures.
451. **RENAISSANCE ART HISTORY.** 5 hours  
An analysis of art monuments of the Renaissance.
- 460, 461, 462, 463, 464. **TEXTILE DESIGN.** 5 hours  
A sequence of directed studies in textile design.
- 465, 466, 467, 468, 469. **WEAVING.** 5 hours  
A sequence of directed studies in weaving and knotting.

**470, 471, 472, 473, 474. POTTERY.** **5 hours**  
A sequence of directed studies in pottery on the potters wheel, glaze formulation, or a continuation of hand building

**480, 481, 482, 483. PHOTOGRAPHY.** **5 hours**  
A sequence of directed studies in photographic design and film design.

**490. SEMINAR AND EXHIBITION.** **1 hour**  
Taken by art majors in conjunction with a senior art exhibition and in addition to portfolio and art history requirements. Gallery programming and planning is required. Credit is given for participation in workshops, seminars, and criticisms.

**491. PROBLEMS IN ART.** **5 hours**  
Offered to seniors who wish to do special directed studies in art of an advanced nature. Permission from the Head of the Fine Arts Department is required

## **COURSES IN MUSIC**

**100. THEORY: ELEMENTARY.** **3 hours**  
*Fall Quarter.*  
An introduction to the rudimental aspects of musical understanding, terminology; motivation; concepts of scale, tonality, rhythm, and harmony.

**101. THEORY: ELEMENTARY.** **3 hours**  
*Winter Quarter.*  
An introduction to harmony through part-writing of triads, sight-singing and dictation are included

**102. THEORY: ELEMENTARY.** **3 hours.**  
*Spring Quarter*  
Continuation of 101. Triads in inversion and dominant seventh chords are treated through part-writing. Sight-singing and dictation are included

**103. KEYBOARD HARMONY.** **1 hour**  
*Spring Quarter*  
Prerequisite. Music 101. Simple harmony realized on the piano.

**117. CLASS VOICE.** **1 hour**  
Voice production and diction are studied through the use of unison and solo song material

**118. CLASS PIANO.** **1 hour**  
A course designed for the student who has had no formal instruction in piano. Elementary piano music, technique, and music reading will be included.

**\*130. APPLIED MUSIC SERIES.** **1 or 2 hours**  
Private instruction on the instruments listed below. A code letter for each instrument will follow the first three digits according to the instrument. These courses may be modified for one or two hour credits for all instruments.

A—Clarinet  
C—Baritone  
E—Bassoon  
G—Flute

I—French Horn  
M—Percussion  
O—Piano  
Q—Saxophone

S—Trombone  
V—Trumpet  
W—Tuba  
Y—Voice

- \*190. CHORALE. 1 hour a quarter**  
*Fall, Winter, Spring Quarters.*  
Open to all qualified students by audition. The College Chorus presents performances both on and off campus. Emphasis is placed on exploration of various styles of vocal music.
- \*191. NGC SINGERS. 1 hour**  
Must have permission of the Director. This is a select group of talented musicians who perform both on and off campus. Music performed is selected from all periods of music including contemporary, avant-garde, Jazz and Pop
- \*192. NGC PATRIOTS. 1 hour**  
Male military Chorus open to all ROTC Cadets by audition. This is the official ensemble of the North Georgia College Corps of Cadets.
- \*195. CONCERT/MARCHING BAND. 1 hour a quarter**  
*Fall, Winter, Spring Quarters.*  
Membership in the concert band is open to all qualified students by audition. Balanced instrumentation is a factor in accepting new members each quarter. Symphonic band transcriptions and compositions for band will be included in the performance both on and off campus
- 200. THEORY: INTERMEDIATE. 3 hours**  
Secondary dominant chords and inversions, sight-singing and dictation.
- 201. THEORY: INTERMEDIATE. 3 hours**  
Altered chords, sight-singing and dictation
- 202. THEORY: ADVANCED. 3 hours**  
Chromatic harmony, modulation and contemporary harmonic techniques
- 203. KEYBOARD HARMONY. 1 hour**  
Techniques for harmonic accompaniment and modulation.
- 205. MUSIC APPRECIATION. 5 hours**  
*Spring Quarter*  
An introduction to the history of music. Musical language, form, instrumentation, and expression are treated through lectures and the hearing of representative works.
- 221. PERCUSSION TECHNIQUES. 2 hours**  
Theory and practice in performance on the common percussion instruments.
- 222. WOODWIND INSTRUMENTS. 2 hours**  
Theory and practice in performance on the single and double reed instruments.

223. **BRASSWIND INSTRUMENTS.** 2 hours  
Theory and practice in performance on the brasswind instruments
- \*230. **APPLIED MUSIC SERIES.** 1 or 2 hours  
A continuation of the Applied Music Series. These courses may be modified for one or two hour credits for all instruments
301. **COUNTERPOINT.** 3 hours  
*Fall*  
The study and composition of Eighteenth Century contrapuntal genres
302. **FORM AND ANALYSIS.** 3 hours  
*Winter.*  
Basic principles for the analysis of musical forms
306. **MUSIC FOR THE ELEMENTARY GRADES.** 5 hours  
A course designed to develop in teachers an understanding of child growth through music. Music theory, materials, methods, and problems pertaining to the teaching of music in the elementary school are studied
310. **TEACHING AND SUPERVISION OF ELEMENTARY SCHOOL MUSIC.** 5 hours  
The teaching and supervision of music in the schools.
- Ed. 311e. **MUSIC EDUCATION CURRICULUM.** 5 hours  
(See courses in Education)
321. **CONDUCTING.** 2 hours  
Basic conducting techniques and score readings for choral and instrumental music.
322. **ADVANCED CONDUCTING.** 2 hours  
Specialized techniques for conducting instrumental music.
323. **ADVANCED CONDUCTING.** 2 hours  
Specialized techniques for conducting choral music
- \*330. **APPLIED MUSIC SERIES.** 1 or 2 hours  
A continuation of the Applied Music Series. These courses may be modified for one or two hour credits for all instruments.
356. **HISTORY OF MUSIC—TO 1600.** 3 hours  
A survey designed to acquaint the student with the literature within a historical perspective. Composers, styles, and media are studied
357. **HISTORY OF MUSIC—1600 TO 1800.** 3 hours  
A continuation of Music 356.
358. **HISTORY OF MUSIC—SINCE 1800.** 3 hours  
A continuation of Music 357
405. **MUSIC IN AMERICA.** 5 hours  
A historical survey of American music from colonial times to the present.

417. **INSTRUMENTAL AND CHORAL METHODS IN HIGH SCHOOL.** 5 hours  
This course considers the organization and administration of performing groups commonly found in the high school
- Ed. 421 e. **MATERIALS AND METHODS FOR MUSIC EDUCATION.** 5  
(See courses in Education)
- \*430. **APPLIED MUSIC SERIES.** 1 or 2 hours  
A continuation of the Applied Music Series. These courses may be modified for one or two hour credits for all instruments.
- Ed. 431 e. **STUDENT TEACHING IN MUSIC.** 15 hours  
(See courses in Education)

\*NOTE: Students not majoring in music may earn up to twelve quarter hours in applied music or ensembles. However, no more than six of these hours may apply toward graduation requirements

## COURSES IN SPEECH

211. **SPEECH.** 5 hours  
A course designed to help the speaker achieve a type of speaking which is natural, correct, and effective. Open to freshman by permission only.
213. **CREATIVE SPEECH COMMUNICATIONS.** 5 hours  
Innovative techniques and practical applications to achieve the effective communication of ideas.

## COURSES IN DRAMA

- 101, 102, 103, 104. **APPLIED DRAMA.** 1 hour  
Assignments in the actual rehearsal, production and performance of plays.
115. **FUNDAMENTALS OF ACTING.** 5 hours  
Speech and movement for the stage as well as basic interpretation.
120. **PLAY PRODUCTION.** 5 hours  
A survey of the combined elements of theatrical production
150. **THEATRE SURVEY.** 5 hours  
A survey of theatre history from the past to the present
330. **CREATIVE DRAMATICS FOR TEACHERS.** 5 hours  
Research into techniques which may be used by elementary and secondary school teachers to heighten and reinforce the learning process with emphasis on performance in relationship to language development



# DEPARTMENT OF MATHEMATICS

Philip G. Buckhiester, Department Head

## MAJOR IN MATHEMATICS

### CORE CURRICULUM REQUIREMENTS

AREA I—HUMANITIES	HOURS CREDIT	AREA II—MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 119, 120, or 113H, 122H	10
Courses from English 203, 204, 205, 206, 207	10	Sciences. (one ten-hour sequence) Biology 101-102	10
		Chemistry 101-102, or 121-122	
		Physics 223-224, or 223-225	

AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Mathematics 240, 245, 246, 247	20
100-200 Level History Courses	5-10	Computer Science 120	2
Courses from	5-10	Foreign Language	10-15
Anthropology 100			
Business Admin 221, 222			
Psychology 101, 205			
Sociology 100 201			

### MATHEMATICS MAJOR

*Math 300, 360, 365, 410, 411	25
Two courses from Math 415, 416, 418, 440, 441, 460, 431, 355	10

### COURSES IN THE MINOR

Under the direction of the department head, the student will select a departmental minor.

minimum—20

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS) 18

BASIC PHYSICAL EDUCATION REQUIREMENTS 6

MODERN LANGUAGE REQUIREMENTS (see Area IV above)

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

# MAJOR IN MATHEMATICS—SECONDARY EDUCATION

## CORE CURRICULUM REQUIREMENTS

AREA I—HUMANITIES	HOURS CREDIT	AREA II—MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 119, 120; or 113H, or 122H	10
Two courses from English 203, 204, 205, 206, 207	10	Sciences: A 10-hour sequence of courses Biology 101-102 Chemistry 101-102 or 121-122 Physics 223-224, or 223-225	10
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Mathematics 245, 246, 247	15
History 100	5	Computer Science 120	2
100-200 Level History Courses	5	Economics 221, 222 or a 10 hour sequence in foreign language	10
Psychology 101	5	Education 204	5
MATHEMATICS MAJOR			
Mathematics 240, 312, 360, 365			20
300-400 Level Math Courses			15
PROFESSIONAL EDUCATIONAL SEQUENCE			
Education 305, 311c, 421c and 431c			30
Special Education 360			5
OTHER REQUIREMENTS			
Physical Education 390			5
Physical Education 420 or 309			1-5
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)			
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)			18
BASIC PHYSICAL EDUCATION REQUIREMENTS			6
MODERN LANGUAGE REQUIREMENTS (see Area IV above)			
U.S. AND GEORGIA CONSTITUTION REQUIREMENT			
U.S. AND GEORGIA HISTORY REQUIREMENT			

State certification requires a grade of C or better in all education and mathematics courses. See Department of Education statement for other teacher education information and requirements.

## DUAL DEGREE PROGRAM—MATHEMATICS/COMPUTER SCIENCE

The Dual Degree Program offered by North Georgia College and Georgia Tech offers a student the opportunity to attend a liberal arts college for three years before embarking on professional academic work at Georgia Tech.

After completing the academic requirements of both institutions, the student shall receive a bachelor's degree in Mathematics from North Georgia College and a Bachelor's Degree in a chosen engineering field or in information and computer science from Georgia Tech.

Dual Degree candidates from North Georgia College who work toward a B.S. degree in Mathematics are eligible to seek any of the following degrees at Georgia Tech:

Bachelor of Science in Information and Computer Science

Bachelor of Aerospace Engineering

Bachelor of Ceramic Engineering

Bachelor of Chemical Engineering

Bachelor of Civil Engineering

Bachelor of Electrical Engineering

Bachelor of Engineering Economic Systems

Bachelor of Engineering Science

Bachelor of Industrial Engineering

Bachelor of Mechanical Engineering

Bachelor of Nuclear Engineering

Bachelor of Textile Engineering

## DUAL DEGREE REQUIREMENTS:

1. Complete 142-144 quarter hours at North Georgia College as outlined below (exclusive of military science and P.E. courses)
2. Obtain recommendation of Dual Degree Coordinator at North Georgia College
3. Maintain a college grade point average and specified test results which would indicate that the student could satisfactorily complete the degree requirements at Georgia Tech.
4. Complete a Georgia Tech program which equals the number of credit hours required of normal juniors and seniors enrolled in the standard curriculum for the degree being sought.
5. If the official study program at Georgia Tech includes electives and the candidate has excessive hours at North Georgia College, he may petition that these excess hours be used as transfer credits to Georgia Tech. Such transfer credit shall not amount to more than one half of the official study program at Georgia Tech.

## DUAL DEGREE PROGRAM—MATHEMATICS/COMPUTER SCIENCE

### CORE CURRICULUM REQUIREMENTS

AREA I—HUMANITIES	HOURS CREDIT	AREA II—MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 119, 120	10
Courses from English 203, 204, 205 206, 207	5	Chemistry 121, 122; or Biology 101, 102	10
Modern Language 201	5		
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Mathematics 245, 246, 247	15
Psychology 101	5	Physics 223, 224, 225	15
Business Admin. 221	5		
History 100	5		

The 144 hours at North Georgia College should include Physics 230, 240, 310, Math 240, 300, 360, 365, 410, Computer Science 120, 220, 225, 230, and Economics 222

## DUAL DEGREE MATHEMATICS/ENGINEERING

### CORE CURRICULUM REQUIREMENTS

AREA I—HUMANITIES	HOURS CREDIT	AREA II—MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 119, 120	10
Courses from English 203, 204, 205 206, 207	10	Chemistry 121, 122	10
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Mathematics 245, 246, 247	15
History 100	5	Physics 223, 224, 225	15
Courses from Business Admin. 221, 222, Psychology 101, 205, Sociology 100, 201	10		

The 142 hours at North Georgia College should include Physics 230, 240, 310, 375-6-7, Math 240, 360, 365, 410; five hours additional 300-400 level Mathematics Courses, four hours of approved courses in Computer Science.

## MINOR IN COMPUTER SCIENCE

A minor in computer science consists of at least ten (10) hours from CpSc 120, 220, 225, 230, 235, and ten hours from CpSc 351, CpSc 352, Math 355, BA 251, and Physics 350. At least one of CpSc 351, CpSc 352, and Math 355 must be taken

20 hours.

## MINOR IN MATHEMATICS

A minor in mathematics consists of the following courses, 245, 246, 247 and two approved courses from the 300 or 400 level.

25

# COURSES IN MATHEMATICS

- 101. FINITE MATHEMATICS I. 5 hours**  
A course in finite mathematics with applications in business, biology, and the behavioral sciences. Topics include relations, sets, functions, mathematics of finance, probability, and statistics.
- 102. FINITE MATHEMATICS II. 5 hours**  
A second course in finite mathematics. Topics include matrices, linear systems, linear programming, decision theory. Students who take this course should have background which includes elementary probability concepts.
- 113H. FINITE MATHEMATICAL MODELS FOR HONOR STUDENTS 5 hours**  
Prerequisite: Four years of high school college preparatory mathematics and a Math SAT score of 550 or above.  
A study of various finite mathematical models. Principal topics will be selected from the following: graphs, probability, statistics, markov chains, matrices, combinatorics, linear programming
- 119. PRECALCULUS MATHEMATICS I. 5 hours**  
A study of the real number system, analytic geometry, sets and logic, functions and graphing, polynomial functions, and rational functions.
- 120. PRECALCULUS MATHEMATICS II. 5 hours**  
Prerequisite: Math 119 or approval of department head. A study of exponential functions, logarithmic functions, trigonometric functions, the complex number systems, systems of linear equations, matrices and determinants, the binomial theorem, and mathematical induction.
- 122H. PRECALCULUS MATHEMATICS FOR HONOR STUDENTS. 5 hours**  
Prerequisite: Math 113H or approval of department head. A course in precalculus topics for honor students. Topics include trigonometric functions, mathematical induction, plane and solid analytic geometry.
- 240. INTRODUCTION TO PROBABILITY AND STATISTICS. 5 hours**  
Prerequisite: Five hours of college mathematics. A noncalculus introduction to randomness, measures of central tendency, measures of dispersion, the binomial distribution, the normal distribution, confidence intervals, hypothesis testing, linear regression and correlation.
- \*245. CALCULUS I. 5 hours**  
Prerequisite: Mathematics 119 and 120, or Math 122H. An introduction to differential and integral calculus with applications. Emphasis is on differentiation and integration of algebraic functions
- \*246. CALCULUS II. 5 hours**  
Prerequisite: Math 245. A continuation of Math 245. Emphasis is on differentiation and integration of transcendental functions.

\*It is recommended that a student obtain a C or above in any prerequisite before taking this course

- \*247. CALCULUS III. 5 hours**  
Prerequisite: Math 246. A continuation of Math 246. Topics include partial differentiation and multiple integration, infinite series, and vector analysis.
- \*300. DIFFERENTIAL EQUATIONS. 5 hours**  
Prerequisite: Math 246. An introductory course in ordinary differential equations with emphasis upon linear differential equations of the first and second orders.
- 310. INTRODUCTION TO MATHEMATICS FOR ELEMENTARY AND JUNIOR HIGH TEACHERS I. 5 hours**  
Prerequisites: Math 101 and junior or senior standing. This course promotes facilities with the concepts, structure, and style of mathematics studied and taught in the elementary school with emphasis on the arithmetic strands.
- 311. INTRODUCTION TO MATHEMATICS FOR ELEMENTARY AND JUNIOR HIGH TEACHERS II. 5 hours**  
Prerequisite: Math 101 and junior or senior standing. This course promotes facilities with the concepts, structure, and style of mathematics, studied and taught in the elementary school with emphasis on the geometric strands.
- 312. GEOMETRY FOR TEACHERS. 5 hours**  
Designed to prepare the student to teach modern secondary-school geometry. It includes Euclidean and non-Euclidean geometrics and a study of the secondary-school geometry curriculum and its materials.
- \*355. NUMERICAL ANALYSIS. 5 hours**  
Prerequisite: Math 246. A course in numerical solutions to problems in mathematics: roots of non-linear equations, zeros of polynomials, interpolation, systems of linear algebraic equations, quadrature, ordinary differential equations with analysis of methods and errors; and programming of methods on a computer.
- 360. INTRODUCTION TO ABSTRACT ALGEBRA. 5 hours**  
Prerequisite: Math 246. A formal introduction to the algebra of groups, rings, and fields.
- 365. LINEAR ALGEBRA. 5 hours**  
Prerequisite: Math 246 or approval of department head. An introduction to the basic concepts of linear algebra. Topics include finite-dimensional vector spaces, bases, linear transformations, and matrices.
- 410. MATHEMATICAL ANALYSIS I 5 hours**  
Prerequisite: 10 hours of mathematics beyond Math 246. An introduction to the real number system, the basic notions of set theory, limit concept and continuity, and the foundations of the differential and integral calculus of one variable.

\*It is recommended that a student obtain a C or above in any prerequisite before taking these courses



411. **MATHEMATICAL ANALYSIS II.** 5 hours  
Prerequisite: Math 410 and 247. A continuation of Math 410 to include the calculus of several variables, improper integrals, Taylor series, and uniform convergence.
- \*415. **ELEMENTARY VECTOR ANALYSIS.** 5 hours  
Prerequisite: Math 247 or the consent of the Department Head. Course covers the elements of vector algebra and vector calculus with some space generalizations.
- \*416. **ORTHOGONAL FUNCTIONS AND BOUNDARY VALUE PROBLEMS.** 5 hours  
Prerequisite: Math 247 and 300; or consent of the department head. A study of fourier series and integrals. Sturm-Liouville systems, applications to solution of partial differential equations with boundary conditions.
- \*418. **FUNCTIONS OF A COMPLEX VARIABLE.** 5 hours  
Prerequisite: Math 247 or approval of department head. A study of the conditions for analyticity, elementary functions, the Cauchy integral theorem, the fundamental theorem of algebra, power series, residues, poles, conformal mapping
431. **THEORY OF NUMBERS.** 5 hours  
Prerequisite: Math 247. A study of elementary problems in number theory with topics from divisibility, congruences, residues, special functions, Diophantine equations, continued fractions.
440. **THEORY OF PROBABILITY AND MATHEMATICAL STATISTICS I.** 5 hours  
Prerequisite: Math 247. Principal topics include combinatorial methods, axiomatic probability, discrete and continuous probability distributions, mathematical expectation, moment generating functions.
441. **THEORY OF PROBABILITY AND MATHEMATICAL STATISTICS II.** 5 hours  
Prerequisite: Math 440. Principal topics include sums of random variables, sampling distributions, properties of estimators, tests of hypothesis.
460. **MATHEMATICAL MODELS.** 5 hours  
Prerequisites: Math 240 and Math 246, or consent of department head. A study of various mathematical models, with emphasis on problems from the managerial, social, and biological sciences. Topics will be selected from the following: graph theory, matrix algebra, probability, combinatorial theory, mathematics programming, calculus-based models.
470. **HISTORY OF MATHEMATICS.** 5 hours  
Prerequisite: Math 247 or approval of department head. A survey of the historical development of mathematics with emphasis on topics for secondary teachers.
490. **INDEPENDENT STUDY.** 1-5 hours  
Independent reading and study under the direction of the staff of the department covering selected topics not normally discussed in major course work.

\*It is recommended that a student obtain a C or above in any prerequisite before taking these courses

## COURSES IN COMPUTER SCIENCE

- 120. INTRODUCTION TO BASIC. 2 hours**  
Prerequisite: Two years of high school algebra or five hours of college level mathematics. Organization and characteristics of digital computers; description and use of the BASIC programming language; development of algorithms and programs for elementary problems.
- 130. COMPUTER IN SOCIETY: USES AND INFLUENCES. 3 hours**  
An introduction to computers, including their uses in and impact on modern society, with emphasis on applications in various areas. Topics will include the evolution of computers, modern systems, input and output devices, types of programming languages, software packages, microcomputers.
- 138. COMPUTERS IN EDUCATION. 3 hours**  
An introductory course in computers and computing for teacher education majors at all levels. The course will include an overview of the role of time sharing systems and microcomputers in education, low-level programming instruction in BASIC, and hands-on experience involving software materials in computer assisted instruction and computer managed instruction.
- 220. MICROCOMPUTER PROGRAMMING. 2 hours**  
Prerequisite: CpSc 120 or BA 251. An indepth study of micro and personal computers with emphasis on features not available in time sharing on larger computers. Topics will include graphics, file capabilities, monitor, subroutines, memory organization, and input/output unique to a small computer.
- 225. INTRODUCTION TO FORTRAN. 2 hours**  
Prerequisite: Five hours of college mathematics. A study of the syntax and semantics of the FORTRAN programming language as implemented on available computers; programming of numerical-oriented problems.
- 230. INTRODUCTION TO ASSEMBLY LANGUAGE. 3 hours**  
Prerequisite: C.S. 251. Introduction to computer organization, machine-language programming and assembly systems, symbolic coding, macro definition; subroutine calls, binary, octal, and hexadecimal number systems.
- 235. INTRODUCTION TO COBOL. 3 hours**  
Prerequisite: C.S. 120 or B A 251. A study of the syntax and data manipulative capabilities of the COBOL programming language as implemented on available computers, file structure organization and processing, programs in business-oriented area.
- 351. COMPUTER ORGANIZATION. 5 hours**  
Prerequisite: C.S. 120. Hardware and software components of computer systems, topics include system architecture, input/output, interrupts, storage devices, virtual memory, segmentation, paging, multiprogramming, multiprocessing, realtime systems, supervisory systems.

352. **DATA STRUCTURES.** **5 hours**  
Prerequisites: At least four credit hours chosen from C.S. 120, 220, 225, 230, 235, 351, B.A. 251. A study of data storage methods on a computer. Topics covered include addressing structures, symbol table techniques, algorithms for the storage and manipulation of arrays, trees, strings, and lists; sorting, searching and file structures.

490. **INDEPENDENT STUDY.** **1-5 hours**  
Independent study under the direction of the staff. Normally, topics covered will include areas not regularly offered as part of the program.

## **COURSE IN METEOROLOGY**

301. **METEOROLOGY.** **5 hours**  
A basic course designed to acquaint the student with the fundamental concepts of meteorology and its relation to other fields of interest. Mathematics will be used when it seems essential to the complete understanding of a concept. Included are such topics as air masses and fronts, cloud classification, precipitation mechanisms, weather observations, fundamental forecasting theories, and interpretation of weather charts and diagrams.

# DEPARTMENT OF MILITARY SCIENCE

Colonel Theron H. Hill, Department Head

## GENERAL INFORMATION

Military Science courses conform to the subject requirements of the Senior Division Reserve Office Training Corps (ROTC) program established by Department of the Army. The objectives of the ROTC program are to attract, motivate, and prepare selected students with high potential to serve as commissioned officers in the Regular Army or the US Army Reserve. In addition to providing courses required to earn a commission through the ROTC program, military science instruction and associated activities have the aim for all students of developing leadership and managerial potential, providing an understanding of the requirements and organization for national security, and instilling a strong sense of personal integrity and individual responsibility.

Additional information concerning the total military program at North Georgia College is provided in the General Information Section of this catalog.

## COURSE STRUCTURE

Military Science courses are grouped into basic course ROTC subjects and advanced course ROTC topics. The basic course is comprised of Military Science I (MS I) and MS II courses in the 100 and 200 series. The advanced course (MS III and MS IV) consists of 300 and 400 series courses. MS I and MS II courses meet two classroom hours per week, MS III and MS IV subjects require three classroom hours per week.

Leadership laboratory periods, an integral part of military science instruction in addition to the classroom work, will be held for special training and applied leadership experience. Occasional ceremonies, consisting of Parades or Reviews, highlight the presentation of awards or the honoring of a distinguished guest.

## MINOR IN MILITARY SCIENCE

The minor in Military Science is designed specifically for those individuals who are planning a career in the U.S. Army as commissioned officers. This minor may not be used as a substitute for any minor required by a student's academic major and cannot be considered as part of a student's "area of concentration." The military minor will be considered as a second minor. Courses required for completion of the minor in Military Science may not be used to satisfy the course requirement for a student's academic major or minor.

Requirements for award of the minor in Military Science are:

1. Be accepted into the program by the PMS.
2. Successfully complete the ROTC Advance Course of instruction.
3. Successfully complete the ROTC Advance Camp and submit a written report on the practicum.
4. Successfully complete two of the following courses:
  - BA 352 - Principles of Statistics.
  - BA 361 - Principles of Management
  - HIST 431 - Russian History, 1906 to the Present
  - HIST 475 - History of Western Warfare
  - MS 460 - Independent Reading and Research
  - POL SCI 303 - International Relations.
  - POL SCI 406 - Soviet Foreign Policy.
  - PSY 320 - Psychology of Leadership.

# COURSES IN MILITARY SCIENCE

## COURSE REQUIREMENTS

All members of the Corps of Cadets must be enrolled each quarter in Military Science classes unless exempted for cause upon recommendation of the Professor of Military Science and approval of the Dean of the College. Cadets are required to enroll for the military science course appropriate to their progression toward completing degree and commissioning requirements. Twelve quarters of the military science curriculum (18 quarter hours) is the minimum required for those cadets seeking a commission in the U.S. Army. Students may receive advanced placement in military science for prior military service or ROTC instruction. Women students and commuting male students may enroll in ROTC courses.

100. **MILITARY ACTIVITIES.** 1 hour  
*Fall Quarter.*

An introductory course providing the student a general orientation on the purpose and objectives of the ROTC program and the Army Instruction will also include basic soldiering skills such as marksmanship, first aid, electronic communications, and use of the compass.

101. **SELECTED STUDIES IN CONFLICT I/II.** 1 hour  
*Winter Quarter.*

A survey of selected portions of military history from 1775 to the present with emphasis on selected campaigns which relate the principles of war, tactics and present day strategy. Accordingly, emphasis on power and national objectives are surveyed in relation to the principles of war, tactics and strategy.

102. **INTRODUCTION TO METHODS OF INSTRUCTION  
AND MAP READING.** 1 hour

The first portion of the course is an introduction to the procedures of planning and presenting military instruction. Fundamentals of special techniques, stage instruction, use of training aids, and the basic preparation of lesson plans is emphasized.

The second portion of the class is devoted to familiarizing the student with the basic principles of map construction and usage. Instruction includes military and topographic symbols reference system, location direction and two practical exercises.

## SECOND-BASIC COURSE—MS II

200. **METHODS OF INSTRUCTION.** 1 hour  
*Fall Quarter.*

Students learn the procedures involved in planning and presenting military instruction. An understanding of fundamentals is developed by examining the stages of instruction, speech techniques, use of training aids, and preparation of lesson plans. Assignment of contemporary leadership problems as subject topics for presentation develops concurrent understanding of the fundamentals of leadership and aids in preparing the student for MS 300.

201. **MAP READING AND LAND NAVIGATION.** 1 hour  
*Winter Quarter.*

A course designed to familiarize the student with the principles of map construction and usage. Instruction includes military and topographic map

symbols, reference systems, location, and direction. Emphasis is placed on the ability to accomplish terrain evaluation by map analysis.

202. **INTRODUCTION TO TACTICAL OPERATIONS.** 1 hour  
*Spring Quarter.*

A course designed to introduce the student to small unit ground tactical operations. Emphasis is placed upon the organization, capabilities, and employment of the rifle squad and the construction and issuing of operations orders.

### THIRD YEAR—ADVANCED COURSE—MS III

300. **FUNDAMENTALS OF LEADERSHIP.** 2 hours  
*Fall Quarter*

A study of the responsibilities and qualities of a leader in both leadership and management environments. Theory and practical application are combined in developing principles and techniques through discussion, written exercises, and seminar examination of individual and group leadership problems.

301. **PLATOON OPERATIONS.** 2 hours  
*Winter Quarter.*

A study of the organization, mission, and capabilities of the infantry unit up to platoon level. Combat orders, Troop Leading Procedures, Fundamentals of Offensive and Defensive Operations, control measures, and an introduction to the combined arms team are studied in detail. Emphasis is placed on using the decision making process to arrive at logical tactical decisions and on expressing these decisions clearly and concisely.

302. **BASIC SKILLS AND TECHNIQUES.** 2 hours  
*Spring Quarter*

A survey of the basic skills and techniques required of the proficient soldier in an infantry platoon. The course uses Army Skills Levels 1-3 as a guide and provides the student with a working knowledge of the skills and techniques required of infantry soldiers in today's Army.

350. **INDEPENDENT STUDY.** 2 hours

Prerequisite: Permission of PMS. A supervised research project under the supervision of an instructor. Study project may be selected by the student with approval of the instructor or may be directed. Subject areas will require independent research and analysis concerning military problems or historical examples of significance. May be taken in lieu of or in addition to other Military Science courses with permission of PMS.

### FOURTH YEAR—ADVANCED COURSE—MS IV

400. **MILITARY LAW AND PROFESSIONALISM.** 2 hours  
*Fall Quarter.*

A study of the Uniform Code of Military Justice and its use by the junior officer. The newly commissioned officer is studied for obligations, benefits and responsibilities. Student briefings are conducted to prepare the student to present recommendations to superiors.



401. **FUNCTIONS OF COMMAND AND STAFF.** 2 hours  
*Winter Quarter*  
A study of command and staff relationships, staff structure and functions, and the correlations between military command and staff responsibilities in comparison with business management line and staff principles and relationships. The obligation, responsibilities, and relations of Army officers are examined with emphasis on leadership and management problems.
402. **COMBINED ARMS OPERATIONS.** 2 hours  
*Spring Quarter*  
A study of the operations and tactics of the Combined Arms Team and Task Force on the modern battlefield. The fundamentals of offensive and defensive and retrograde operations are investigated through analysis of actual Army Division capabilities and missions. The student is required to use all previous knowledge in planning and conducting operations.
450. **INDEPENDENT STUDY.** 2 hours  
Prerequisite: Permission of PMS. A supervised research project under the supervision of an instructor. Study project may be selected by the student with approval of the instructor or may be directed. Subject areas will require independent research and analysis concerning military problems or historical examples of significance. May be taken in lieu of or in addition to other Military Science courses with permission of PMS.
460. **INDEPENDENT READING AND RESEARCH.** 5 hours  
Prerequisite: Be enrolled in the Military Science Minor Program. A comprehensive study of a specific area within today's military institutions, requiring the student to conduct in-depth research and to develop possible solutions or trends which will be presented in a formal paper.
475. **HISTORY OF WESTERN WARFARE.** 5 hours  
A survey of western warfare from the beginning to the present, emphasizing the modern period. The course will examine the interrelationship of war and social, economic, political, and technological conditions.

# DEPARTMENT OF MODERN LANGUAGES

W. Guy Oliver, Department Head

## MAJOR IN FRENCH

### CORE CURRICULUM REQUIREMENTS

AREA I—HUMANITIES	HOURS CREDIT	AREA II—MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101-102, or 113H	10
Courses from English 203, 204 205, 206, 207	10	Sciences: (one ten-hour sequence) Biology 101-102 Chemistry 101-102, or 121-122 Physics 101-102, or 115-116; or 223-224, or 223-225	10
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	French	10-20
100-200 level History courses	5-15	German or Spanish	15-20
Courses selected from the following	0-10	A course from the 100 or 200 level Anthropology, Economics, Political Science, Psychology	0-5
Anthropology 100			
Psychology 101-205			
Sociology 100, 201			
Business Admin 221, 222			

### FRENCH MAJOR

French 301, 302, 315 and courses from French 350, 410, 411, 412, 417, 418, 419, 495, 496, 497	30
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### COURSES IN THE MINOR

Under the direction of the department head, the student will select a closely-related departmental minor.	minimum—20
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ELECTIVES (to bring the total number of credit hours to at least  
185 exclusive of Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
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BASIC PHYSICAL EDUCATION REQUIREMENTS	6
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### MODERN LANGUAGE REQUIREMENTS

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

STUDY ABROAD: By arrangement of the University System of Georgia  
Study Abroad Program, students who have attained Junior status may  
spend one quarter in France at the University of Dijon. All course work  
taken under this program is fully accredited at North Georgia College.

# **MAJOR IN MODERN LANGUAGES—BUSINESS SKILLS** **CORE CURRICULUM REQUIREMENTS**

<b>AREA I—HUMANITIES</b>		<b>HOURS CREDIT</b>	<b>AREA II—MATHEMATICS AND NATURAL SCIENCE</b>	<b>HOURS CREDIT</b>
English 101-102		10	Mathematics 101-102, or 113H	10
Courses from English 203, 204, 205, 206, 207		10	Sciences: (one ten-hour sequence)	10
			Biology 101-102	
			Chemistry 101-102; or 121-122	
			Physics 101-102; or 110-111 or 223-224, or 223-225	
<b>AREA III — SOCIAL SCIENCE</b>		<b>HOURS CREDIT</b>	<b>AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD</b>	<b>HOURS CREDIT</b>
Political Science 101		5	French, German, or Spanish	10-20
100-200 level History courses		5-10	Business Admin. 222	5
Business Admin. 221		5	Courses from 100-200 level History, Political Science, Psychology	0-10
Courses selected from the following				
Anthropology 100				
Psychology 101, 205				
Sociology 100, 201		0-5		
<b>COURSES IN FRENCH</b>				
French 301, 302, 315, and courses from French 350, 410, 411, 412, 417, 418, 419, 495, 496, 497				30
<b>COURSES IN BUSINESS SKILLS—SECRETARIAL SCIENCE</b>				
Business Administration 231, 261, 314, 315, 320, 321, 322				35
<b>ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)</b>				
<b>MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)</b>				18
<b>BASIC PHYSICAL EDUCATION REQUIREMENTS</b>				6
<b>MODERN LANGUAGE REQUIREMENTS</b>				
<b>U.S. AND GEORGIA CONSTITUTION REQUIREMENT</b>				
<b>U.S. AND GEORGIA HISTORY REQUIREMENT</b>				
<b>STUDY ABROAD.</b> By arrangement of the University System of Georgia Study Abroad Program, students who have attained Junior status may spend one quarter in France, Germany, or Spain. All course work taken under this program is fully accredited at North Georgia College.				

# **MAJOR IN FRENCH—SECONDARY EDUCATION** **CORE CURRICULUM REQUIREMENTS**

<b>AREA I—HUMANITIES</b>	<b>HOURS CREDIT</b>	<b>AREA II—MATHEMATICS AND NATURAL SCIENCE</b>	<b>HOURS CREDIT</b>
English 101-102	10	Mathematics 101-102, or 113H	10
Courses from English 203, 204 205, 206, 207	10	Sciences: (one ten-hour sequence) Biology 101-102 Chemistry 101-102, or 121-122 Physics 101-102, or 110-111 or 223-224, or 223-225	10
<b>AREA III — SOCIAL SCIENCE</b>	<b>HOURS CREDIT</b>	<b>AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD</b>	<b>HOURS CREDIT</b>
Political Science 101	5	French	10-20
100-200 level History courses	5-15	German or Spanish	15-20
Courses selected from the following	10	A course from the 100 or 200 Level Anthropology Economics, Political Science	
Anthropology 100			
Psychology 101, 205			
Sociology 100, 201			
Business Admin. 221, 222			
<b>COURSES IN THE MAJOR</b>			
French 301, 302, 315 and courses from French 350, 410, 411, 412, 417, 418, 419, 495, 496, 497			30
<b>OTHER REQUIREMENTS</b>			
Fine Arts 252			5
Language Arts 430			5
Physical Education 309, 390			6-10
Special Education 360			5
<b>PROFESSIONAL EDUCATION SEQUENCE</b>			
Education 204, 305, 311c, 421c, 431c			35
<b>ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)</b>			
<b>MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)</b>			18
<b>BASIC PHYSICAL EDUCATION REQUIREMENTS</b>			6
<b>MODERN LANGUAGE REQUIREMENTS: French 211-212</b>			
<b>U.S. AND GEORGIA CONSTITUTION REQUIREMENT</b>			
<b>U.S. AND GEORGIA HISTORY REQUIREMENT</b>			
<b>STUDY ABROAD:</b> By arrangement of the University System of Georgia Study Abroad Program, students who have attained Junior status may spend one quarter in France at the University of Dijon. All course work taken under this program is fully accredited at North Georgia College.			

## **MINOR IN MODERN LANGUAGES**

In French, German and Spanish, a minor consists of courses 211-212 plus advanced courses totalling at least 15 credit hours.

A minor in Languages consists of 25 hours of language courses at the 200 level or above. No more than 10 hours may be at the 200 level and at least 10 hours must be in the same language.

# COURSES IN MODERN LANGUAGES

- 201. INTRODUCTION TO LINGUISTICS. 5 hours**  
 Prerequisites: None. An introductory study of descriptive, comparative and historical linguistics. The origins and structure of language are examined, and a brief analysis is made of the various language families. The importance and function of language are stressed and a brief introduction is given to the wider areas of geolinguistics and psycholinguistics.
- 303. PANORAMA OF LATIN-AMERICAN CULTURE AND LITERATURE. 5 hours**  
 No prerequisite and no language background required. A study of the cultural development of Latin America through her literature, arts and history from pre-Columbian times to the 20th century. Taught in conjunction with Spanish 303. (Cannot be used for a minor in Modern Languages. May not be taken in duplication of Spanish 303)
- 310, 311, 312 INDEPENDENT STUDY. 3, 3, 3 hours**  
 Independent, individualized courses of study for an introduction into the basics of the following languages:  
 a. Arabic                      c. Hebrew                      e. Latin  
 b. Greek                      d. Italian                      f. Portuguese
- 320. INDEPENDENT STUDY. 1-5 hours**  
 Prerequisite: Permission of the department. This course may be taken a maximum of three times in any or each of the languages offered by the Department of Modern Languages.

## COURSES IN FRENCH

- 101. ELEMENTARY FRENCH I. 5 hours**  
 An introduction to the French language covering basic grammar and reading, and using the language laboratory. Not credited for duplication of high school units.
- 102. ELEMENTARY FRENCH II. 5 hours**  
 Prerequisite: French 101. A continuation of Elementary French I. Not credited for duplication of high school units.
- 211. INTERMEDIATE FRENCH I. 5 hours**  
*Fall, Spring Quarters.*  
 Prerequisite: French 102 or two years of High School French. Review of grammar with continued conversation and reading.
- 212. INTERMEDIATE FRENCH II. 5 hours**  
*Winter Quarter.*  
 Prerequisite: French 211. Reading of standard texts with stress on oral expression and comprehension.
- 301. SURVEY OF FRENCH LITERATURE AND CULTURE I. 5 hours**  
 An introduction to French civilization through the 18th Century. Provides an overview of the chief social, scientific, literary and artistic trends and of the most important figures and events of the period.

302. **SURVEY OF FRENCH LITERATURE AND CULTURE II.** 5 hours  
An introduction to French civilization in the 19th and 20th centuries. Provides an overview of the chief social, scientific, literary and artistic trends and of the most important figures and event of the period
315. **ADVANCED CONVERSATION.** 5 hours  
Prerequisite: French 212. Conducted entirely in French to facilitate the development of conversational abilities.
350. **FRENCH PHONETICS.** 5 hours  
Prerequisite: French 212. An intensive study of pronunciation building fluent expression.
- 410, 411, 412. **SELECTED READINGS IN FRENCH** 2, 2, 2 hours  
Prerequisite: Permission of Instructor.
417. **SURVEY OF SEVENTEENTH CENTURY FRENCH LITERATURE.** 5 hours  
Prerequisite: French 212.
418. **SURVEY OF NINETEENTH CENTURY FRENCH LITERATURE.** 5 hours  
Prerequisite: French 212
- 495, 496, 497. **STUDY ABROAD.** 5, 5, 5 hours  
The study of the French language and culture in a native environment. Designed especially for students in the Study Abroad Programs of the University System of Georgia.

## COURSES IN GERMAN

101. **ELEMENTARY GERMAN I.** 5 hours  
An introduction to the German language using the language laboratory and covering basic grammar and reading. Not credited for duplication of high school units.
102. **ELEMENTARY GERMAN II.** 5 hours  
Prerequisite: German 101. A continuation of Elementary German I. Not credited for duplication of high school units.
211. **INTERMEDIATE GERMAN I.** 5 hours  
*Spring Quarter.*  
Prerequisite: German 102 or two years of High School German. Review of grammar with continued conversation and reading
212. **INTERMEDIATE GERMAN II.** 5 hours  
*Fall Quarter.*  
Prerequisite: German 211. Reading of standard texts with stress on oral expression and comprehension.
301. **SURVEY OF GERMAN LITERATURE AND CULTURE I.** 5 hours  
Prerequisite: German 212 or permission of the Department. A general survey of German Literature through the classical period with lectures on German music, painting, architecture, and history.



302. **SURVEY OF GERMAN LITERATURE AND CULTURE II.** 5 hours  
Prerequisite: German 212 or permission of the Department. A general survey of German Literature of the Nineteenth Century with lectures on German music, painting, architecture, and history.
315. **ADVANCED CONVERSATION AND COMPOSITION.** 5 hours  
*Fall Quarter.*  
Prerequisite: German 212. This course is taught in conjunction with German 212 to afford grammar review, but it requires additional composition and conversation on a more fluent level.
- 410, 411, 412. **SELECTED READINGS IN GERMAN.** 2, 2, 2 hours  
Prerequisite: Permission of Instructor.
- 495, 496, 497. **STUDY ABROAD.** 5, 5, 5 hours  
The study of the German language and culture in a native environment. Designed especially for students in the Study Abroad Programs of the University System of Georgia.

## COURSES IN RUSSIAN

301. **BASIC RUSSIAN.** 5 hours  
A rapid course in reading and basic conversation. Russian 301 is credited without completion of Russian 302, but it is a prerequisite to the second course.
302. **BASIC RUSSIAN.** 5 hours  
Prerequisite: Russian 301.

## COURSES IN SPANISH

101. **ELEMENTARY SPANISH I.** 5 hours  
An introduction to Spanish, with basic conversation, reading and grammar, and using the language laboratory. Not credited for duplication of high school units.
102. **ELEMENTARY SPANISH II.** 5 hours  
Prerequisite: Spanish 101. A continuation of Elementary Spanish I. Not credited for duplication of high school units.
211. **INTERMEDIATE SPANISH I.** 5 hours  
*Fall, Spring Quarters.*  
Prerequisite: Spanish 102 or two years of high school Spanish. Review of grammar with continued conversation and reading.
212. **INTERMEDIATE SPANISH II.** 5 hours  
*Winter Quarter*  
Prerequisite: Spanish 211. Reading of standard texts with stress on oral expression and comprehension.
301. **SURVEY OF SPANISH LITERATURE AND CULTURE I.** 5 hours  
Prerequisite: Spanish 212 or permission of the Department. A general survey of Spanish literature through the Eighteenth Century with lectures on Spanish history, art, and architecture.

302. **SURVEY OF SPANISH LITERATURE AND CULTURE II.** 5 hours  
Prerequisite: Spanish 212 or permission of the Department. A general survey of Nineteenth Century and Generation of 1898 literature with lectures on Spanish history, art, and architecture
303. **PANORAMA OF LATIN-AMERICAN CULTURE AND LITERATURE.** 5 hours  
Prerequisite: Spanish 212 or permission of the Department. A study of the cultural development of Latin America through her literature, arts, and history from pre-Columbian times to the 20th century (May not be taken in duplication of ML 303.)
304. **SURVEY OF SPANISH-AMERICAN LITERATURE AND CULTURE.** 5 hours  
Prerequisite: Spanish 212 or permission of the Department. A survey of Spanish-American literature from the Discovery to the present, augmented by lectures and outside readings on the arts and history.
315. **ADVANCED CONVERSATION.** 5 hours  
Prerequisite: Spanish 212. This course is taught in conjunction with Spanish 212 to afford grammar review, but it requires additional composition and conversation on a more fluent level
- 410, 411, 412. **SELECTED READINGS IN SPANISH.** 2, 2, 2 hours  
Prerequisite: Permission of Instructor.
- 495, 496, 497. **STUDY ABROAD.** 15, 15, 15 hours  
The study of the Spanish language and culture in a native environment. Designed especially for students in the Study Abroad Programs of the University System of Georgia

# DEPARTMENT OF NURSING

Sarah L. Patram, Department Head

The Nursing Program offers a program in basic nursing leading to the Associate in Science in Nursing Degree. The purpose of the program is to prepare men and women for careers as registered nurses. The graduates of the program are eligible to take the State Board Test Pool Examination for registered nurses and to accept beginning positions as registered nurses. The Program is approved by the Georgia Board of Nursing and accredited by the National League for Nursing.

The program is designed to coordinate general academic and nursing courses. A total of 100 quarter hours of college credit is required. Academic and nursing courses are given on the North Georgia College campus. Students are admitted to the Nursing 103 course each year in the Fall Quarter. Six quarters are required to complete the Nursing Program as the nursing courses must be taken in sequence. Students may begin the general academic courses required in the Program in any quarter.

The clinical nursing experiences are selected at hospitals and other health agencies by the nursing faculty for the educational value to students. Members of the faculty supervise student clinical practice and conduct patient-centered seminars.

Clinical facilities currently being used include Shirley's Golden Autumn Convalescent Home, Lumpkin County Health Department, Lumpkin County Hospital (Dahlonega), Stephens County Hospital, Toccoa Clinic (Toccoa), Hall County Health Department, Lanier Park Hospital, Alpine Center (Gainesville), Georgia Industrial Institute (Alto), Georgia Retardation Center, Crawford W. Long Memorial Hospital (Atlanta), Woodward Memorial Clinic (Dahlonega), Northside Hospital (Atlanta), North Georgia Eye Clinic, Northeast Georgia Medical Center, and Northeast Georgia Mental Health and Retardation Center (Gainesville). One week of clinical experience at Dwight D. Eisenhower Medical Center, Fort Gordon, Georgia, will be required in Nursing 202. Nursing students are responsible for providing their own transportation to and from campus and the clinical areas.

The cost of uniforms is approximately \$90 to \$100, excluding the cost of shoes, hose, scissors, and watch with second hand. Professional liability insurance is available and recommended. In addition, all nursing students must be prepared to pay for expenses incurred for learning experiences in off-campus clinical agencies. National League for Nursing Achievement Tests will be administered at the completion of each nursing course and some related academic courses. Students will pay the costs of these tests.

## ADMISSION REQUIREMENTS

1. All applicants seeking admission to the Associate in Science in Nursing Degree Program are required to be accepted as a regularly admitted student to North Georgia College. Additional requirements are:
  - A. Have a predicted freshman grade point average of 2.0 or higher
  - B. Have a personal interview with a member of the Department of Nursing faculty.
2. Applicants who do not meet these requirements may see a member of the nursing faculty for counseling.
3. Final decisions regarding all admissions to the Nursing Program will be made by the Admissions Committee, Department of Nursing.

## INFORMATION CONCERNING APPLICATION FOR ADMISSION

1. Applicants who have never been enrolled at North Georgia College are to apply directly to the Office of Admissions for admission to North Georgia College.

2. Applicants who are currently enrolled in North Georgia College are to apply directly to the Department of Nursing for admission.
3. Applicants are advised to be prepared with a minimum of two units of science (Biology and Chemistry) and one unit of algebra at the high school level. If these courses are not taken in high school, they should be taken on the collegiate level before admission to the Nursing Program.
4. Applicants should make application before January of the year in which they wish to apply for admission to the Nursing Program in September. Applicants are urged to take the Scholastic Aptitude Test early in the senior year of high school or as early in the year preceding their admission as possible. Test scores need to be available at the time applicants are reviewed.
5. Enrollment in the nursing classes is limited. Enrollment is determined by the availability of clinical learning facilities, laboratory space on campus, and faculty.
6. After the applicant is accepted, additional information and forms will be sent to the applicant concerning the ordering of uniforms, professional liability insurance, and health requirements.

## TRANSFER STUDENTS

Students from other nursing programs may be admitted to the Department of Nursing after meeting the requirements for a regularly admitted student to the College and the Department of Nursing. The applicant may request nursing placement examinations, which may include an evaluation of clinical performance. Placement in the nursing curriculum will be determined by the Department of Nursing faculty.

## ACADEMIC STANDARDS FOR PROGRESSION

A student must meet the following requirements in order to progress in the Nursing Program:

1. Maintain a grade point of 2.0 (C) or higher in each nursing course and Biology 250, 251, and 280 before proceeding to the next nursing course.
2. Students may repeat only one nursing course while progressing through the Nursing Program.
3. Maintain satisfactory performances in the clinical areas. An unsatisfactory evaluation in the nursing clinical laboratory means an automatic grade of 0.0 (F) in the course grade.
4. Maintain an overall grade point average of 2.0 (C) or higher in all courses required in the curriculum of the Associate of Science in Nursing Program.
5. Students who withdraw from the Nursing Program may reapply and may be readmitted to the Nursing Program upon recommendation of the faculty, Department of Nursing.

## ASSOCIATE OF SCIENCE DEGREE IN NURSING

GENERAL EDUCATION REQUIREMENTS	HOURS CREDIT
English 101, 102	5, 5
Psychology 101	5
Sociology 100	5
Political Science 101	5
Biology 250, 251, 280	5, 5, 5
Physics 101	5
History 100	5
<b>COURSES IN NURSING SCIENCE*</b>	
Nursing 103, 106, 115	6, 7, 8
Nursing 202, 205, 212, 225, 226	8, 8, 10, 2, 1
<b>U.S. AND GEORGIA CONSTITUTION REQUIREMENTS</b>	
<b>U.S. AND GEORGIA HISTORY REQUIREMENTS</b>	
<b>REGENTS TESTING PROGRAM IN READING AND COMPOSITION</b>	

\*These courses are subject to change

## COURSES IN NURSING

- 103. NURSING I. FUNDAMENTALS OF NURSING. 6 hours**  
Prerequisites or corequisites: Biology 250, Psychology 106. A course designed as an introduction to fundamental principles which meet the nursing needs of clients. Uses communication, nursing process, and selected cognitive, effective and psychomotor skills in caring for an individual client. Four lectures and two, three-hour laboratory periods per week.
- 106. NURSING II. INTRODUCTION TO MEDICAL-SURGICAL NURSING. 7 hours**  
Prerequisites: Nursing 103, Psychology 101, and Biology 250. Corequisites: Biology 251 and English 101. A course designed to introduce the student to scientific concepts and principles which are basic to nursing care of persons with common medical or surgical problems. Involves application of the components of the nursing process in caring for one or two patients. Three lectures and two, six-hour laboratory periods per week.
- 115. NURSING III. MEDICAL-SURGICAL NURSING. 8 hours**  
Prerequisite/Corequisite: Nursing 106 and Bio 280. A course designed to place emphasis on the theory and application of nursing process in caring for groups of clients and families with various medical-surgical problems in a variety of settings. Four lectures and two, six-hour laboratory periods per week.
- 202. NURSING IV. PSYCHIATRIC NURSING IN THE HOSPITAL AND COMMUNITY. 8 hours**  
Prerequisite: Nursing 106. A study of the utilization of the nursing process in the care of persons with emotional problems. Emphasis is placed on the human dimension in psychiatric nursing as the student is involved in delivery of mental health services in the hospital and community. Four lectures and two, six-hour laboratory periods per week.

205. **NURSING V. MATERNAL AND CHILD NURSING.** 8 hours  
Prerequisite: Nursing 106 The emphasis is on pregnancy and childbirth as a normal family-centered activity. The role of the nurse in meeting the needs of the family during the reproductive cycle are examined and practiced in hospital settings, physicians' offices, and appropriate community agencies. The course includes a brief study of disorders of the newborn and principles of growth and development through age two years. Four lectures and two, six-hour laboratory periods per week.
212. **NURSING VI. ADVANCED MEDICAL-SURGICAL NURSING.** 10 hours  
Prerequisite: Nursing 115. A course designed to place emphasis on the theory and application of the nursing process in caring for groups of clients of all maturational levels with complex nursing problems. Involves the application of organizational skills in providing nursing care. Five lectures and two, eight-hour laboratory periods per week.
225. **NURSING VII. CONTEMPORARY NURSING.** 2 hours  
Prerequisite: Nursing 106. A study of the history, trends and dimensions of nursing. Emphasis is placed on assisting the student in making the transition from student to graduate. Two lectures or one lecture and one, three-hour laboratory period per week.
226. **NURSING VIII. NURSING TRENDS.** 1 hour  
Prerequisite: Nursing 106. A study of the roles of the registered nurse in contemporary society. Explores current trends in nursing practice and education, the legal aspects of nursing and nursing organizations. One lecture or one, three-hour laboratory period per week.



# DEPARTMENT OF PHYSICAL EDUCATION, HEALTH AND RECREATION

William E. Ensley, Department Head

The College considers physical fitness vital to a completely satisfactory college life. Provisions are made to include the maximum number of students in the maximum number of activities throughout the entire year.

The basic P.E. program calls for two scheduled periods a week for all freshmen and sophomore students for a total of 6 quarter hours. All work is supervised by the Head of the Department of Physical Education and his assistants.

## MAJOR IN PHYSICAL EDUCATION

### CORE CURRICULUM REQUIREMENTS

AREA I—HUMANITIES		AREA II—MATHEMATICS AND NATURAL SCIENCE	
	HOURS CREDITS		HOURS CREDIT
English 101-102	10	Mathematics 101	5
Courses from 200 level		Sciences:	15
English, Fine Arts 252		10 hour sequence in 100	
or any appropriate course		or 200 level science	
in the Modern Languages	10	courses and five additional	
		hours in any 100 or 200	
		level course in biology,	
		chemistry, physics or math	
AREA III — SOCIAL SCIENCE		AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	
	HOURS CREDIT		HOURS CREDIT
Political Science 101	5	Physical Education 250 or Biology 250,	
History 100	5	or 310, Education 204, Speech 211	
Psychology 101	5	or 213, Physical Education 215, 230 and	
A 100 or 200 level course in the	5	five hours from Psychology 205, 252	
Social Sciences		or 258 or Recreation 220	30
PHYSICAL EDUCATION MAJOR			
Activity courses: P.E. 311 (gymnastics) and 3 courses from P.E. 205, 300, 301, 307, 314, 317.			8
Coaching Courses: P.E. 323 and 2 courses from P.E. 320, 321, 322, 325, or 327.			9
Other Required Courses: P.E. 390, 405, 420, 440a, 440b, 450, 460, and 8 hours in Recreation, or other electives.			35
No grade below C will be acceptable on Physical Education courses presented to fulfill the requirements for a physical education major.			
OTHER REQUIREMENTS			
Education 305, 311c, 421c, 431c			30
Special Education 360			5
Speech 211 or 213			5
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)			

**SKILL TESTING REQUIREMENTS**—All physical education majors are expected to meet and maintain certain skill level requirements as periodically administered by the Department of Physical Education.

**MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)** 18

**BASIC PHYSICAL EDUCATION REQUIREMENTS** 6

**U.S. AND GEORGIA CONSTITUTION REQUIREMENT**

**U.S. AND GEORGIA HISTORY REQUIREMENT**

**SPECIAL NOTE:** Physical Education Majors Club—All physical education majors are expected to be members of the Physical Education Majors Club and adhere to its policies for the upgrading of the profession.

## MAJOR IN RECREATION

### CORE CURRICULUM REQUIREMENTS

AREA I—HUMANITIES	HOURS CREDIT	AREA II—MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101 or 113H	5
English 203, 204, 205, 206, 207 or Fine Arts 252 (any two courses)	10	Biology 101-102, 103	15

AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Sociology 205 or 225	5
History 100	5	Psychology 101	5
Sociology 100	5	Speech 211 or 213	5
Business Admin. 221	5	Recreation 203	5
		Art 107	5
		Business Administration 231	5

### RECREATION MAJOR

Recreation courses: 118, 220, 383, 384, 385,  
386, 387, 388, 410, 434a, 434b, 434c, 485. 56

P.E. Courses: 230, 390, 314, 420 and P.E. 205 or any 300 level P.E.  
Activity or Coaching Courses. 16-18

### OTHER REQUIRED COURSES

Business Administration 361 5  
Education 305 5  
Psychology 315, 320, 325 or 362 5

**ELECTIVES** (to bring the total number of credit hours to at least  
185 exclusive of Physical Education)

**MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)** 18

**BASIC PHYSICAL EDUCATION REQUIREMENTS** 6

**U.S. AND GEORGIA CONSTITUTION REQUIREMENT**

**U.S. AND GEORGIA HISTORY REQUIREMENT**

## MINOR IN SOCIAL RECREATION

A minor in Social Recreation shall consist of P.E. 314, 390, Recreation 118, 203, 383, 384,  
387, and 388

## MINOR IN OUTDOOR RECREATION

A minor in Outdoor Recreation shall consist of P.E. 390, Recreation 203, 384, 386, 387, 388, and 430.

# COURSES IN PHYSICAL EDUCATION

## REQUIRED PHYSICAL EDUCATION FOR WOMEN AND MEN

All students are required to take six different courses in basic physical education as a part of the requirements for graduation. Under this requirement, each student is required to take P.E. 103 (Personal Fitness) and P.E. 104 or 204 (Swimming) and four other electives.

### BASIC PHYSICAL EDUCATION COURSES

- |                             |                                       |
|-----------------------------|---------------------------------------|
| 103 Personal Fitness        | 118 Golf                              |
| 104 Swimming                | 120 Weight Training                   |
| 105 Wrestling               | *121 Snow Skiing                      |
| 106 Volleyball              | *122 Water Skiing                     |
| 107 Tennis                  | *123 Fundamentals of Sailing          |
| 108 Soccer                  | *124 White Water Canoeing and Rafting |
| 109 Bowling                 | 125 Casting and Angling               |
| 110 Fencing                 | *126 Back Packing                     |
| 111 Tumbling                | 127 Yoga                              |
| 112 Basketball              | 129 Adapted Physical Education        |
| 113 Folk and Square Dancing | 204 Senior Life Saving                |
| 114 Social Dance            | 210 Intermediate Fencing              |
| 115 Badminton               | 213 Clogging                          |
| 116 Softball                | 214 Aerobic Dancing                   |
| 117 Archery                 |                                       |

\*May require additional fee

205. **WATER SAFETY INSTRUCTION.** 2 hours  
Prerequisite: Current Advanced Life Saving Certificate. A course designed to improve the physical education major's background in teaching water safety.
215. **HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION.** 5 hours  
This is an orientation course for physical education majors and is divided into two parts. The first part deals with the history of physical education; the second part deals primarily with the basic principles of modern physical education, stressing aims and objectives with special reference to the value of physical education in the current economic and social life of the nation.
230. **FIRST AID AND SAFETY IN PHYSICAL EDUCATION AND ATHLETICS.** 5 hours  
Lectures and laboratory practices are used to cover the phases of first aid pertaining particularly to physical education and athletics.
250. **BASIC HUMAN ANATOMY.** 5 hours  
A study of the basic structures and systems of human body.
300. **GOLF/SOFTBALL.** 2 hours  
A course designed to improve the physical education major's background in teaching activity oriented programs.

- 301. WEIGHT TRAINING/BODY MECHANICS. 2 hours**  
A course designed to improve the physical education major's background in developmental programs of muscular strength, muscular endurance, and injury prevention.
- 307. TENNIS/BADMINTON. 2 hours**  
A course designed to improve the physical education major's background in teaching activity oriented programs.
- 309. LIFE AND ACTIVITY. 1 hour**  
Knowledges, attitudes and understandings of how physical activity shall be integrated and correlated into the life style of an individual.
- 311. GYMNASTICS/TUMBLING/AQUATICS. 2 hours**  
A course designed to improve the physical education major's knowledge, understanding and teaching ability of all phases of gymnastics and tumbling for all age groups.
- 314. DANCE—FOLK, SQUARE, MODERN, AND BALLROOM. 2 hours**  
A course designed to improve the physical education major's background in teaching activity oriented programs.
- 317. ARCHERY/VOLLEYBALL. 2 hours**  
A course designed to improve the physical education major's background in teaching activity oriented programs.
- 318. FIELD HOCKEY/SOCCER/SPEEDBALL. 2 hours**  
A course designed to improve the physical education major's background in teaching activity oriented programs.
- 320m. WRESTLING. 3 hours**  
This course is designed to prepare every male physical education major in the analysis and practice of the fundamental skills and teaching techniques of interscholastic and collegiate wrestling
- 321. FOOTBALL. 3 hours**  
This course is designed to acquaint every male physical education major with a greater understanding of the total game of football through the use of lectures, practical-on-the-field experiences, films, and guest speakers
- 322w. BASKETBALL. 3 hours**  
A study and practice of the fundamental skills and teaching techniques in basketball.
- 322m. BASKETBALL. 3 hours**  
Lectures and demonstrations will be given on the theory and practice of coaching basketball. Each student will have experience playing each position on the team under actual game conditions.  
Practical experience will be obtained through directing this phase of the intramural sports program.

- 323. ATHLETIC TRAINING TECHNIQUES. 3 hours**  
A study of theories and practices for the future coach, and the study of treatment and rehabilitation of injuries, especially injuries resulting from athletics and physical training activities.
- 325. BASEBALL AND TRACK. 3 hours**  
Lectures and demonstrations on the theory and practice of coaching baseball and track. The first half of the quarter will be devoted to baseball and the remainder to track.
- 327. TENNIS. 3 hours**  
Prerequisite: P.E. 307. A study and practice of the fundamental skills and teaching techniques in tennis. Three hours per week of lecture and laboratory.
- 390. HEALTH EDUCATION. 5 hours**  
A study of the physical and mental health problems of society as they relate to man and his confrontations with mental health, alcohol, disease, drugs, marriage, nutrition, physical fitness and sex.
- 400. SEX EDUCATION. 5 hours**  
A study of the attitudes and standards of the physical, emotional and behavioral aspects of sex.
- 405. ADMINISTRATION AND METHODS. 5 hours**  
Prerequisite: P.E. 215. A study of the administrative processes and methodology needed to develop a thorough understanding of desirable standards and program implementation in physical education.
- 420. ELEMENTARY AND SECONDARY SCHOOL PHYSICAL EDUCATION. 5 hours**  
A study and practicum in the objectives, needs, methods, and materials of elementary and secondary school children involved in a modern day physical education program.
- 440 a & b. PHYSICAL EDUCATION PRACTICUM. 2 hours**  
The student is assigned to a specific instructional class or given an assignment within the school or community setting. The purpose of this assignment is to enhance the professional growth of the physical education major.
- 450. EXERCISE PHYSIOLOGY. 5 hours**  
Prerequisite: P.E. 250 or Biology 250. A combined study of the structure and function of the human body. Lecture and laboratory experience includes the study of the minute and gross anatomical and physiological structures of man as it relates to man living in the physical world of muscular activity.
- 460. KINESIOLOGY AND THERAPEUTICS. 5 hours**  
Prerequisite: P.E. 250 or Biology 250. A study of the movements of the human body and their working relationship in normal and atypical individuals.

480. **INDEPENDENT STUDY.** **5 hours**  
Practical study and/or experience in the area of student's major interest under the supervision of the student's advisor and as approved by the student's advisor and the department chairman.

## **COURSES IN RECREATION**

118. **SOCIAL RECREATION.** **3 hours**  
Methods and materials in social recreation. Experience will be given in group planning and conducting social activities. Some laboratory experience will be required.
203. **INTRODUCTION TO RECREATION AND PARKS.** **5 hours**  
Course covers history, trends, philosophy, social role of recreation in modern society, and professional opportunities in the field of recreation.
220. **SPORTS FOR RECREATION.** **5 hours**  
A course designed to familiarize the student with the type of sports that can be played throughout life. Includes both individual and team sports that can be played during leisure hours.
221. **CAMP COUNSELING.** **3 hours**  
A course designed to give prospective camp counselors an understanding of the history and background of camping, the counselor, the camper, the cabin group, the total camp program, and the duties and responsibilities of camp counselors. Consideration will be given to the role of counselors in relation to objective, organization, guidance, leadership skills and program resources in organized camps.
383. **RECREATION FOR SPECIAL GROUPS.** **3 hours**  
A course designed to give the student an understanding of the leisure needs of special groups in today's society, including therapeutic, youthful and adult offenders, alcoholic and drug addicts, socially disadvantaged, and recreation for the aging.
384. **COMMUNITY RECREATION.** **3 hours**  
A course designed to familiarize the students with the wide variety of local agencies and settings which provide recreation services in a community including industrial, commercial, school, college unions, youth agencies, armed forces, religious organizations, and the family.
385. **PROBLEMS IN RECREATION.** **3 hours**  
The study of a variety of problems that the student may encounter when conducting recreation programs or in recreation and park administration.
386. **CAMPING ADMINISTRATION.** **3 hours**  
Course includes organization, administration, staffing, food service, and program planning for different types of camps. Includes techniques of camp leadership and camp counseling.
387. **ORGANIZATION AND ADMINISTRATION OF RECREATION.** **5 hours**  
A study of the organization and administration of various types of recreation departments and agencies. Special emphasis is given to legal provi-



sions, organization, personnel, supervision, training, office management, financial management, budgeting, and public relations.

- 388. PROGRAM PLANNING. 5 hours**  
Course provides the student with knowledge of the organizational procedures involved in establishing and operating a comprehensive, full-time recreation program with emphasis on content and techniques of administration of programs. Consideration will be given to needs, facilities, supplies, equipment, activities, volunteers, age groups, program evaluation and recreation surveys.
- 410. AREA AND FACILITY MANAGEMENT. 5 hours**  
Course includes operation, maintenance, and planning of recreation areas and facilities. Consideration will be given to routine maintenance, construction, maintenance workers, contract work, master planning, space and facility standards, planning recreation areas and facilities, site selection, and comprehensive recreational surveys.
- 430. OUTDOOR RECREATION. 5 hours**  
Course covers the organization and administration of outdoor recreation in local, county, and federal agencies with emphasis on resources, economic impact, need, supply and demand, education and trends.
- 432. SEMINAR IN RECREATION. 1 hour**  
Prerequisite: Senior Class standing. A discussion of current aspects of the field of recreation as a profession. Trends and problems which are of concern to graduating recreation majors.
- 434a,b,c. RECREATION PRACTICUM. 1, 1, 1, hour**  
Prerequisite: Must have completed at least three quarters as a Recreation Major. The student is assigned to actual work experiences in three individual recreation agencies. Course is designed to link the relationship of theory to the practical aspects of recreation.
- 438. INDEPENDENT STUDY. 5 hours**  
A course designed to allow students to individually pursue topics relating to recreation under the guidance of a faculty member.
- 485. INTERNSHIP IN RECREATION AND PARKS. 15 hours**  
Prerequisite: Senior Class standing. The recreation major spends an entire quarter working full-time in a cooperating agency with a competent, supervising recreation professional.

# DEPARTMENT OF PHYSICS

Donald E. Kinkaid, Department Head

## MAJOR IN PHYSICS

### CORE CURRICULUM REQUIREMENTS

AREA I—HUMANITIES	HOURS CREDIT	AREA II—MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 119, 120, 240	10
Courses from English 203, 204, 205, 206, 207	5-10	Physics 223, 224	10
Fine Arts 252, French 101, German 101 if only one of above is selected	0-5		
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Physics 230, 240	10
100-200 level courses in History	5-10	Mathematics 245, 246	10
A course from Anthropology 100, Business Admin. 151, 152, Psychology 101, 205, or Sociology 100,	0-10	Chemistry 121, 122	10

### PHYSICS MAJOR

Physics 230\*, 240\*, 310\*, Labs 375\*, 376\*, 377\*, 475, 476, 477,  
320\*, 340\*, 350, 400, 410\*, 420, 440, 450, 480, 490, 491, 492 40-78

### OTHER REQUIREMENTS:

Physics 225	5
Mathematics 300	5
Foreign Language (any acceptable sequence)	15
Computer Science 225	2

### COURSES IN THE MINOR

The traditional minor for a Physics major is Mathematics. However, a  
minor field of concentration can be elected by the student with the  
consent of both the major and minor professors minimum—20

ELECTIVES (to bring the total number of credit hours to at least  
185 exclusive of Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS) 18

BASIC PHYSICAL EDUCATION REQUIREMENTS 6

U S. AND GEORGIA CONSTITUTION REQUIREMENT

U S. AND GEORGIA HISTORY REQUIREMENT

## MAJOR IN PHYSICS—SECONDARY EDUCATION

(For Core Curriculum Requirements see above)

### COURSES IN THE MAJOR

Physics 310, 320, 340, 375, 376, 377, 410, plus seven hours of  
approved electives in Physics.

\*Required Courses

## OTHER REQUIREMENTS

Biology 101, 102, or Biology 101, 103	10
Mathematics 245, 246 and 300	15
Physical Education 309, 390	6
Special Education 360	5

## PROFESSIONAL EDUCATION SEQUENCE

Education 204, 305, 311c, 421c and 431c	35
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ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
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BASIC PHYSICAL EDUCATION REQUIREMENTS	6
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U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

## DUAL DEGREE PROGRAM—PHYSICS

A Dual Degree Program is offered by North Georgia College in cooperation with Georgia Tech. The program offers the student the opportunity to attend a liberal arts college for three years before embarking on professional academic work at Georgia Tech for an additional two years.

After completing the academic requirements of the two cooperating institutions, the student shall be awarded a bachelor's degree from North Georgia College and one of several designated bachelor's degrees from the Georgia Institute of Technology.

Dual Degree candidates from North Georgia College who work toward a B.S. in Physics are eligible to seek any of the following degrees at Georgia Tech

- Bachelor of Aerospace Engineering
- Bachelor of Ceramic Engineering
- Bachelor of Chemical Engineering
- Bachelor of Civil Engineering
- Bachelor of Electrical Engineering
- Bachelor of Engineering Economic Systems
- Bachelor of Engineering Science
- Bachelor of Industrial Engineering
- Bachelor of Mechanical Engineering
- Bachelor of Nuclear Engineering
- Bachelor of Science in Textile Chemistry
- Bachelor of Science in Textiles
- Bachelor of Textile Engineering
- Bachelor of Science (Health Systems)

## DUAL DEGREE REQUIREMENTS:

- 1 Complete 140 quarter hours at North Georgia College as outlined below (exclusive of basic military for cadets and P.E.)
- 2 A recommendation from the Dual Degree Coordinator of North Georgia College.
- 3 A college grade point average and specified test results which would indicate that the student could satisfactorily complete the degree requirements at Georgia Tech
- 4 Complete a Georgia Tech study program which equals the number of credit hours required of normal juniors and seniors enrolled in the standard curriculum for the degree being sought

5. If the official study program at Georgia Tech includes electives and the candidate has excessive hours at North Georgia College, he may petition that these excess hours be used as transfer credits to Georgia Tech. Such transfer credit shall not amount to more than one half of the official study program at Georgia Tech.

## **SPECIAL PROVISION FOR GRADUATE STUDY UNDER THE DUAL DEGREE AGREEMENT**

- 1 The two colleges may extend permission for highly qualified, specially selected undergraduates from North Georgia College to enter Georgia Tech at the end of three or more years of undergraduate study with the intent that the degree being sought at Georgia Tech shall be at the master's level.
- 2 The specially selected individuals shall complete enough undergraduate course work to meet the graduation requirements of North Georgia College. (See footnote \*\* below)
- 3 The specially selected individuals shall complete a minimum of 50 hours of graduate work at Georgia Tech.
- 4 Application for admission to the Graduate Division at Georgia Tech will be made during the first year in residence at Georgia Tech with admission requirements being based on the usual recognized standards.

### **CORE CURRICULUM REQUIREMENTS — DUAL DEGREE PROGRAM**

<b>AREA I—HUMANITIES</b>	<b>HOURS CREDIT</b>	<b>AREA II—MATHEMATICS AND NATURAL SCIENCES</b>	<b>HOURS CREDIT</b>
English 101, 102	10	Mathematics 119, 120	10
English 203, 204, 205, 206, 207	5-10	Sciences: Physics 223, 224	10
<b>AREA III — SOCIAL SCIENCE</b>	<b>HOURS CREDIT</b>	<b>AREA IV — COURSES APPROPRIATE TO MAJOR FIELD</b>	<b>HOURS CREDIT</b>
Political Science 101	5	Chemistry 121, 122, Phys. 230	15
Course at 100-200 level in History	5-15	Mathematics 245, 246, 247	15
Courses from Psychology 101, 205, Sociology 100, Anthropology 100, or Business Admin. 221, 222	0-10		

OTHER REQUIREMENTS: Physics 225

### **MINOR IN PHYSICS**

Physics 223, 224, 225, plus ten additional hours as approved by the Department Head	25
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\*History 100 requirement may be satisfied by successfully passing an examination on United States and Georgia history administered by the Social Science Department

\*\*The 140 hours at North Georgia College must include Physics 223, 224, 225, Math 245, 246, 247, 300, Physics 230, 240, 310, 320, 375, 376, 377, and Military 300, 301, 302 for cadets

# COURSES IN PHYSICS

- 101. HEALTH PHYSICS I. 5 hours**  
 Four lecture/demonstration periods and two hours of laboratory per week. The course includes a study of mechanics, electricity, and electronics, behavior of fluids, heat and thermometry, radiation, medical acoustics, medical optics, medical instrumentation, and safety. An independent study program is available upon request.
- 102. HEALTH PHYSICS II. 5 hours**  
*Taught on demand.*  
 Prerequisite: Physics 101. A continuation of the nature of Physics 101 for those who wish to carry the same type of survey work further into a more complete treatment of electricity, electronics, and radiological health physics.
- 223. MECHANICS. 5 hours**  
*Fall and Winter Quarters.*  
 A study of the properties of matter, and the mechanics of solids and fluids. The numerous problems solved are selected to emphasize fundamental principles as well as to promote skill in numerical solutions. The laboratory work is designed to clarify physical concepts, develop skills in making precise measurements, and proficiency in the manipulation of apparatus. Four lecture-recitations and one, two-hour laboratory per week.
- 224. ELECTRICITY. 5 hours**  
*Winter Quarter*  
 Prerequisite: Physics 223. This course is a continuation of general physics. It deals with magnetism and static and current electricity. Four lecture-demonstrations and one, two-hour laboratory period per week.
- 225. HEAT, LIGHT, AND SOUND 5 hours**  
*Spring Quarter.*  
 Prerequisite: 223. This course is a continuation of general physics. It deals with wave theories generally, and heat, light, and sound specifically. Four lecture-recitations and one, two-hour laboratory period per week.
- 230. MECHANICS—INTERMEDIATE. 5 hours**  
 Prerequisite: Physics 223. May be taken concurrently with Mathematics 245. This course deals with the effects of forces on rigid bodies in equilibrium and on objects in motion. Emphasis is placed on solution of problems.
- 240. ELECTRICITY AND MAGNETISM — INTERMEDIATE. 5 hours**  
*Winter Quarter.*  
 Prerequisite: Physics 224, 230. May be taken concurrently with Mathematics 246. This course deals with the interaction of charged particles through electric and magnetic fields. Conservation principles presented in Physics 230 are emphasized.
- 310. MODERN PHYSICS. 5 hours**  
 Prerequisites: Physics 240 and 225, 246. An introduction to modern physics, dealing with the elemental nature of matter and radiation, ionization of gases, the quantum theory, and current developments in atomic physics.

- 320. MECHANICS—ANALYTICAL. 5 hours**  
Prerequisite: Physics 230. May be taken concurrently with Math 300. Kinematics, using vector analysis, dynamics of particles, rotation and planetary motion, the linear harmonic oscillator, studies of energy, momentum and impact, approximation and perturbation methods, plus an introduction to the most general methods of solving dynamical problems.
- 340. ELECTRONICS I. 5 hours**  
Prerequisites: Physics 224. A study of the elementary principles of electronics. The laboratory work consists of the study of digital and analogue electronic circuits and the use of testing equipment. Four lecture-recitations and one two-hour laboratory per week.
- 350. COMPUTER INTERFACING. 5 hours**  
Prerequisite: Physics 224, Physics 376L. This course will demonstrate some of the possible applications of micro computing to scientific data acquisition, display and processing, in Basic or machine language or a hybrid combination of the two. The students will be provided with hands-on experience with the different types of hardware and interfaces usually found in micro or mini computer systems.
- 375, 376, 377. PHYSICS LABORATORY I. 1, 1, 1 hour**  
*Fall, Winter, and Spring Quarters.*  
Required of all students majoring in physics. Selected experiments from the various branches of physics, clarifying and expanding the work of the classroom, and developing good laboratory techniques. The evaluation and the interpretation of experimental data.
- 400. THERMODYNAMICS. 5 hours**  
Prerequisites: Physics 225 and Math 300. A study of temperature and its measurement, calorimetry, and some topics from thermodynamics and statistical mechanics. Five lecture-recitations per week.
- 410. ELECTRICITY AND MAGNETISM I. 5 hours**  
Prerequisite: Physics 240. With consent of Instructor, may be taken concurrently with Math 300. A course considering in a more advanced manner the topics of electrostatics, magnetostatics, electrolysis, basic circuit theory, and related topics.
- 420. ELECTRICITY AND MAGNETISM II. 5 hours**  
Prerequisite: Physics 410. This course is a continuation of Physics 410 with emphasis on electrodynamics, alternating current theory, transmission lines, filters, electromagnetic wave theory and related topics.
- 440. NUCLEAR PHYSICS. 5 hours**  
*Taught on demand*  
Prerequisite: Physics 320 or 310. A study of natural radioactivity, interaction of radiation with matter, radiation measuring instruments and the detection of nuclear particles, plus a survey of the current state of experimental and theoretical nuclear physics.
- 450. QUANTUM MECHANICS. 5 hours**  
Prerequisites: Physics 310 and Math 300. Introduction to the quantum mechanics of one-dimensional systems. An introduction to Schrodinger's equation with emphasis being placed on solutions for one-electron atoms.



- 460. TEACHING ELEMENTARY SCHOOL SCIENCE. 5 hours**  
 An overview of the recently developed methods and materials in the teaching of elementary school science. Emphasis is given to improving the conceptual level in science, to scientific inquiry and the teacher-pupil involvement in the processes of science.
- 475, 476, 477. PHYSICS Laboratory II. 1, 1, 1 hour**  
 A continuation of Physics Laboratory I.
- 490, 491, 492. INTRODUCTION TO RESEARCH METHODS. 5, 5, 5 hours.**  
 This course is designed to prepare the student for employment as a research assistant, or engineer, upon completion of B. S. Degree. It will also orient the student toward the research work required for an advanced degree. It will consist of two or three lectures and demonstrations per week with laboratory work. The lectures will include the various research techniques, theory of errors, analysis of experimental data, use of library sources, and report writing. The student will be required to use library sources and to perform various experiments. The student will also be required to report his work by class talks and written reports.

**COURSES IN ASTRONOMY**

- 104. SOLAR SYSTEM ASTRONOMY. 5 hours**  
 First course in the 104-105 sequence. Includes four lecture sessions and one two-hour laboratory per week. Slides, films, classroom demonstrations, and planetarium shows aid in the discussion of topics which include the planets, the nature of light, telescopes, and the evolution of Man's concept of the Solar System. Laboratory exercises will involve the student in observing stars and planets with the three to sixteen inch telescopes of the college observatory.
- 105. STELLAR ASTRONOMY. 5 hours**  
 Continuation of the 104-105 sequence. Includes four lecture sessions and one two-hour laboratory per week. Topics include star systems, stellar evolution, galaxies, cosmology, and the possibility of the existence of life elsewhere in the universe. Slides, films, classroom demonstrations, and planetarium shows are used throughout to aid in classroom discussions. Laboratory exercises emphasize student observations of star systems, galaxies, and planets. Telescopes of from three to sixteen inches in size will be used at the college observatory.
- 360. CELESTIAL MECHANICS. 5 hours**  
 Prerequisite: Physics 223. The study of how the laws of Newtonian mechanics can be used to determine the characteristics of the orbits of planets, comets, and asteroids. Data, either supplied to the student or obtained by himself at the telescope, will be used to predict the orbital elements of objects in the solar system. The student will learn how to collect and interpret data in the context of the classical laws of gravity and motion and how these laws apply to the motions of the members of the solar system.

## PHYSICAL SCIENCE

115-116

### UNDERSTANDING THE PHYSICAL WORLD.

5, 5, hours

A nonquantitative two course sequence designed to promote an understanding of the physical world for the non-science major. Natural phenomena as well as the effects of man's technology on the physical environment will be brought into focus by means of numerous demonstrations, laboratory exercises, and field trips. Relevant topics will be selected from Astronomy, Chemistry, Environmental Science, Geology, and Physics. Credit will be extended for either course separately or for both as a two quarter laboratory sequence.

# DEPARTMENT OF PSYCHOLOGY

Cecil L. Jackson, Department Head

## MAJOR IN PSYCHOLOGY

### CORE CURRICULUM REQUIREMENTS

AREA—HUMANITIES	HOURS CREDIT	AREA II—MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101, 240	10
Courses from English 203, 204 205, 206, 207	5-10	Biology 101-102	10
Fine Arts 252, if only one of the above is selected, or any appropriate course in the Modern Languages	5		
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Psychology 101, 205	10
100-200 level courses in History	5-15	Courses from Humanities, Mathematics, Natural Sciences, or Social Sciences at the 100-200 level	20
Courses from Anthropology 100, Business Admin. 221, 222 or Sociology 100	0-10		

### GENERAL REQUIREMENTS:

- Psy. 300A—Advanced Statistics for the Behavioral Sciences
- Psy 300B—Experimental Psychology
- Psy 309—History and Systems

### CONCENTRATIONS: (Choose One)

#### APPLIED GENERAL

- Psy 315—Social Psychology
- Psy 331—Psychology of Learning and Memory
- Psy 335—Behavior Modification
- Psy 362—Industrial Psychology
- Psy 419—Measurement of Individual Differences
- Psy 433—Individual Psychological Testing. Wechsler & Stanford-Binet
- Psy 453—Survey of Abnormal Psychology I

#### BASIC GENERAL

- Psy 315—Social Psychology
- Psy 331—Psychology of Learning and Memory
- Psy 343—Theories of Personality
- Psy 362—Industrial Psychology
- Psy 419—Measurement of Individual Differences
- Psy 423—Physiological Psychology
- Psy 453—Survey of Abnormal Psychology I

## MILITARY

- Psy 302—Psychology of Youth
- Psy 315—Social Psychology
- Psy 320—Psychology of Leadership
- Psy 331—Psychology of Learning and Memory
- Psy 335—Behavior Modification
- Psy 362—Industrial Psychology
- Psy 453—Survey of Abnormal Psychology I

## PRE-LAW

- Psy 302—Psychology of Youth
- Psy 315—Social Psychology
- Psy 320—Psychology of Leadership
- Psy 331—Psychology of Learning and Memory
- Psy 335—Behavior Modification
- Psy 343—Theories of Personality
- Psy 453—Survey of Abnormal Psychology I

10 hours from 300-400 level Psychology courses (at least one 400 level course)

## SUGGESTED MINORS:

- Applied: Biology, Sociology, Business
- Basic: Math, Biology
- Military: Business, Political Science
- Pre-Law: Political Science, History, English

## SECONDARY TEACHER EDUCATION IN BEHAVIORAL SCIENCE—PSYCHOLOGY

### CORE CURRICULUM REQUIREMENTS

AREA I—HUMANITIES	HOURS CREDIT	AREA II—MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101, 240	10
Courses from English 203, 204, 205, 206, 207	5-10	Sciences: Biology 101-102	10
Fine Arts 252 if only one of the above is selected, or any appropriate course in the Modern Languages	5		

AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	A 100-200 level Computer Science Course	5
History 100	5	Anthropology 100, Psychology 205, Sociology 205	15
Psychology 101	5	Economics 221, 222, History 205, Political Science 205	5
Sociology 100	5		

## PSYCHOLOGY MAJOR (SECONDARY EDUCATION)

Psychology 300A, 300B, 309, 315, 343, 419,	30
Anthropology 300	5
Sociology—10 hours of Sociology (5 hours at the 300-400 level)	10

<b>PROFESSIONAL EDUCATION SEQUENCE</b>	
A total of 35 hours of professional training in Education is needed to meet certification requirement. These courses are:	
Education 204, 305, 311c, 421c, and 431c	35
<b>OTHER REQUIREMENTS</b>	
Physical Education 309, 390	6
Special Education 360	5
<b>ELECTIVES</b> (to bring the total number of credit hours to at least 185 exclusive of Physical Education)	
<b>MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)</b>	18
<b>BASIC PHYSICAL EDUCATION REQUIREMENTS</b>	
<b>MODERN LANGUAGE REQUIREMENTS</b>	
<b>U S AND GEORGIA CONSTITUTION REQUIREMENT</b>	
<b>U S AND GEORGIA HISTORY REQUIREMENT</b>	
<b>ADDITIONAL REQUIREMENTS FOR ALL PSYCHOLOGY MAJORS</b>	
No grade below C will be acceptable on any Psychology course presented to fulfill the requirements for a Psychology major.	
The Advanced Psychology Section of the Graduate Record Examination is required of all majors in Psychology.	

<b>MINOR IN PSYCHOLOGY</b>	
Psychology 101 plus 20 hours elected from the Psychology curriculum	25

# **COURSES IN PSYCHOLOGY/PHILOSOPHY**

<b>COURSES IN PSYCHOLOGY</b>		
101.	<b>INTRODUCTION TO PSYCHOLOGY.</b>	<b>5 hours</b>
	Must precede other psychology courses. A study of human and animal behavior, including an introduction to the scientific method as used in the study of motivation, emotion, learning, individual differences (including an introduction to psychological measurement and testing), development of personality, behavior disorders and therapy, and social influences on behavior.	
200H.	<b>HONORS PSYCHOLOGY.</b>	<b>5 hours</b>
	Prerequisite: Psychology 101. Admission by invitation only. Innovative course which will emphasize active student involvement, both in topics to be covered and the manner in which those topics will be studied	
205.	<b>ADVANCED GENERAL PSYCHOLOGY.</b>	<b>5 hours</b>
	A study of the history of psychology, perception, sensation, complex learning, the nervous system, with particular emphasis on the brain and behavior, genetics, and advanced psychological measurement and testing.	

- 252. HUMAN SEXUALITY. 5 hours**  
A theoretical, empirical, and applied analysis of human sexual behavior. Although a number of perspectives (biological, psychological, and sociological) are considered, the psychological foundations of sexual behavior are emphasized.
- 256. ALTERED STATES OF CONSCIOUSNESS. 5 hours**  
A Biobehavioral study of states of awareness. Effects of manipulating normal waking and sleep patterns are examined. Topics include the use and abuse of drugs, medication, minimal brain dysfunction (MBD), hyperactivity, and behavior disorders as they pertain to states of consciousness. No specific prerequisites are necessary beyond introductory courses in one or more of the following areas: biology, chemistry, physics of psychology.
- 258. PSYCHOLOGY OF ADJUSTMENT. 5 hours**  
Psychology 101 is recommended but not required as a prerequisite. A course in mental hygiene, dealing with the appropriate and inappropriate reactions to frustration and stress and the resolution of conflicts, fears, and anxieties. The course is oriented to the student and his adjustment.
- 300A. ADVANCED STATISTICS FOR THE BEHAVIORAL SCIENCES 5 hours**  
Prerequisite: Math 240. A survey of the statistics which are most frequently used in the behavioral sciences. Particular emphasis will be placed on analysis of variance techniques; some of the more useful nonparametric techniques will also be covered. Primary concern will be with computation and interpretation.
- 300B. EXPERIMENTAL PSYCHOLOGY. 5 hours**  
Prerequisite: Psy. 300A and Math 240. This course is designed to introduce students to experimental methods as applied to behavior. Some basic standard tools will be presented. Students will learn design of elementary experiments. Laboratory time will be spent implementing simple procedures.
- 301. CHILD DEVELOPMENT. 5 hours**  
A study of the roles played by maturation and experience in the social, emotional, moral, and physical development of children from the prenatal period to adolescence. Observation of children in public school required for two hours weekly.
- 302. PSYCHOLOGY OF YOUTH. 5 hours**  
A study of the physical, social, and cognitive aspects of youth with emphasis on the problems of the transition to maturity.
- 305. EDUCATIONAL PSYCHOLOGY. 5 hours**  
Emphasis on learning, its nature, motivation, retention, appraisal, transfer, and application. Adjustment of educational practices to individual differences in abilities and interests among pupils will be considered. Some observation in teaching-learning situations will be done.



- 309. HISTORY AND SYSTEMS. 5 hours**  
An integrative course emphasizing the origins and background of the science of behavior. Important contributors and their schools of thought will be studied. Relating these schools of thought to present systematic developments in psychology will be emphasized.
- 315. SOCIAL PSYCHOLOGY. 5 hours**  
A survey of the effects of the social environment on human behavior. Coverage includes: aggression, altruism, attitude change, audience effects, conformity, group dynamics, interpersonal attraction, leadership, sex roles and social perception.
- 320. PSYCHOLOGY OF LEADERSHIP 5 hours**  
Psychology of 101 is recommended but not required as a prerequisite. The characteristics of an effective leader will be studied and analyzed employing both a theoretical and an applied approach.
- 331. PSYCHOLOGY OF LEARNING AND MEMORY. 5 hours**  
An empirical and theoretical study of classical, instrumental and operant conditioning, reinforcement, discrimination learning, extinction, verbal learning, and other phenomena.
- 335. BEHAVIOR MODIFICATION. 5 hours**  
Prerequisite: 331 or consent of instructor. Selected behavior modification techniques including experimental analysis, successive approximation and other operant techniques, counterconditioning, reciprocal inhibition, and others as applied to learning problems, mild behavioral disturbances, and mild cases of retardation.
- 343. THEORIES OF PERSONALITY. 5 hours**  
A critical evaluation of the major theories of personality and a survey of research of major personality variables comprise this course.
- 344. RESEARCH METHODS IN SOCIAL/PERSONALITY PSYCHOLOGY. 5 hours**  
A study of the techniques used to gather evidence regarding the effects of social and personality factors upon human behavior. Coverage includes laboratory experimentation, naturalistic research, survey research, policy-oriented research and program evaluation techniques. Student participation in data collection projects is emphasized. Topics for investigation are jointly chosen by the instructor and the students.
- 362. INDUSTRIAL PSYCHOLOGY. 5 hours**  
The application of psychological principles to human problems in industry, including areas of personnel selection and appraisal, motivation and work, leadership and human performance.
- 410, 411, 412. PSYCHOLOGICAL READING AND RESEARCH. 2, 2, 2 hours**  
Prerequisite: permission of Instructor.
- 417. MENTAL HYGIENE. 5 hours**  
An advanced course dealing with mental hygiene problems, especially of children and adolescents; problems of different stages of maturation.

adjustments in the home, school and play groups; and special needs in cases of retardation and delinquency.

419. **MEASUREMENT OF INDIVIDUAL DIFFERENCES.** 5 hours  
An introduction to theories and practices of psychological measurement. The characteristics and uses of specific maximum and minimum performance assessment devices will be included.
423. **PHYSIOLOGICAL PSYCHOLOGY.** 5 hours  
Prerequisite: 10 hours Biology. Personality is viewed as the integration of the morphology, physiological and psychological aspects of the organism. The relationship between the internal environment and such behaviors as food intake control, mating behavior, neural action, emotion, etc., will be considered.
425. **SENSATION AND PERCEPTION.** 5 hours  
A study of sensory systems emphasizing behavioral significance of structure.
428. **COMPARATIVE BEHAVIOR.** 5 hours  
A treatment of evolutionary trends in behavior including neural and hormonal mechanisms, with emphasis on physiology and function.
433. **INDIVIDUAL INTELLIGENCE TESTING: WECHSLER AND STANFORD-BINET SCALES.** 3 hours  
Prerequisite: Psychology 419. Training in the administration, scoring, and interpretation of the Wechsler and the Stanford-Binet Scales. A minimum competency in the use of these scales for both children and adults is required, but the major part of the practical work may be in the age range selected by the student.
453. **SURVEY OF ABNORMAL PSYCHOLOGY I.** 5 hours  
This course involves the study of the historical perspectives of abnormal behavior, the various psychosocial models used to understand behavior as well as the study of personality development and adjustment. The major emphasis of the course will be a thorough investigation—involving the causes, dynamics, and treatment—of the following forms of abnormal behavior: transient situational disorders, neuroses, schizophrenia and paranoia, major affective disorders and suicide, sociopathic disorders, delinquency and crime, alcoholism, drug dependence, and psychosomatic disorders.
454. **ADVANCED ABNORMAL PSYCHOLOGY II.** 5 hours  
This course deals with the causes, dynamics and treatment of the following forms of abnormal behavior: sexual deviations, organic brain syndromes, mental retardation, behavior disorders of childhood, maladaptive behavior of groups. Special emphasis will be given to contemporary approaches to therapy.
463. **PSYCHOLOGICAL COUNSELING AND PSYCHOTHERAPY.** 5 hours  
Prerequisites: Psy. 453 and two additional psychology courses. A study of the various methods employed in counseling and psychotherapy. These methods will be interpreted as they are applied in the treatment of both the "disturbed" and the "normal" individual.

465. **GROUP DYNAMICS.** 5 hours  
Prerequisite. Consent of Instructor. Examination of major ideas about dynamics of group behavior and their educational implications. Laboratory in T-group methods, creative problem-solving groups, and the conduct of experiments in group interaction.
- 470 a,b,c. **INDEPENDENT STUDY IN PSYCHOLOGY.** 5, 5, 5 hours  
Practical experience in the area of student's major interest under the supervision of and approved by the Psychology Department

No grade below C will be acceptable on any Psychology course presented to fulfill the requirements for a Psychology major. Either, but not both, Psychology 301 or 302 may be included in the major or minor. Either, but not both, Psychology 258 or 417 may be included in the major or minor

# DEPARTMENT OF SOCIAL SCIENCES

Paul G. Dobson, Department Head

## MAJOR IN CRIMINAL JUSTICE

### CORE CURRICULUM REQUIREMENTS

AREA I—HUMANITIES	HOURS CREDIT	AREA II—MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101, 240	10
English 203, 204, 205, 206, 207	5-10	Sciences: (one ten-hour sequence)	10
Fine Arts 252	0-5	Biology 101-102, or 101-103	
Spanish 101	0-5	Chemistry 101-102	
		Physics 101, 102, 115 (any two)	
		Astronomy 104, 105	
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Psychology 101	5	Criminal Justice 200, 201, 250	15
Political Science 101	5	Social Work 250	5
Sociology 100	5	Business Admin. 221	5
History 100	5	Computer Science 120, 130 or Spanish 102	5

### COURSES REQUIRED FOR CRIMINAL JUSTICE MAJORS

Social Science 300, 310	10
Criminal Justice 305, 310, 320, 321, 322	25
Criminal Justice 485	15
Psychology 453	5
Social Work 317	5

### ELECTIVES

At least 20 hrs. in 300-400 level courses (10 hrs. of which must be in Criminal Justice courses).	30
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As a result of consultations with their academic advisor, criminal justice majors may develop concentrations in law enforcement, administration, corrections or pre-law.

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
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BASIC PHYSICAL EDUCATION REQUIREMENTS	6
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U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

SATISFACTORY COMPLETION OF A DEPARTMENTALLY APPROVED  
COMPREHENSIVE EXIT EXAMINATION

## MAJOR IN HISTORY

### CORE CURRICULUM REQUIREMENTS

AREA I—HUMANITIES	HOURS CREDIT	AREA II—MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101, 240	10
Courses from English 203, 204, 205 206, 207	5-10	Sciences: (a ten-hour sequence of a Lab Science at the 100 level)	10
Fine Arts 252, French 101, German 101, Spanish 101	0-5	Biology 101, 102, 103 (any two) Chemistry 101-102, 103 (any two) Physics 101, 102, 110 (any two) or 115, 116	
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	History 101, 102, 103 not taken for Area III, 251 252, 253 (any two)	10-15
History 101, 102, 103, 111	10	Business Administration 221 or Political Science 205	5
A course from: Anthropology 100 Psychology 101 Sociology 100 Business Admin. 221		Courses from Anthropology, Computer Science, Economics, Elementary Statistics, Political Science	10-15
HISTORY MAJOR			45
History 205 and 251, 252, 253 (any two) plus 25 hours of 300 level courses and a 400 level course. A total of ten hours must be from courses in European or Non-American History.			
COURSES IN THE MINOR			20
Majors in the field of History must complete 20 hours of advanced study in a closely-related subject area. Minors may come from related fields with Social Sciences or from other related fields. A minor should be chosen on the basis of its relatedness to the student's scholarly interest and his career goals and only after consultation with his major advisor.			
The following fields may be used to fulfill the minor requirements: Business Administration, Economics, Fine Arts (with the approval of advisor), Modern Languages, Political Science, Psychology, Sociol- ogy, English.			
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)			
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)			18
BASIC PHYSICAL EDUCATION REQUIREMENTS			6
MODERN LANGUAGE REQUIREMENTS			10-20
J.S. AND GEORGIA CONSTITUTION REQUIREMENT			
J.S. AND GEORGIA HISTORY REQUIREMENT			
SATISFACTORY COMPLETION OF A DEPARTMENTALLY APPROVED COMPREHENSIVE EXIT EXAMINATION			

## MAJOR IN HISTORY—SECONDARY EDUCATION

### CORE CURRICULUM AREA IV

History 205	5
History 251, 252, 253 (any two)	10
Anthropology 100; BA 221, 222, Political Science 205, Psychology 205, Sociology 205	15
Computer Science 120, 130	

(For Other Core Curriculum Requirements see above)

<b>COURSES IN THE MAJOR</b>	40
History 205 and 251, 252, 253 (any two) plus 25 hours of 300 level courses with at least 10 hours in European History	

<b>COURSES IN RELATED FIELD</b>	10
Ten (10) hours of 300-400 level work in a related field in the Social Sciences.	

<b>PROFESSIONAL EDUCATION SEQUENCE</b>	35
Education 204, 305, 311c, 421c, and 431c	

<b>OTHER REQUIREMENTS</b>	
Physical Education 309, 390	6
Special Education 360	5

### ELECTIVES.

In addition to the degree requirements, the student is expected to complete 10 hours of course work, distributed among the following areas: Anthropology, Sociology, Economics, and History; (a) Anthropology 100, General Anthropology, (b) Sociology 100, Introduction to Sociology, (c) Economics 221, 222, Principles of Economics; (d) Political Science 101, American Government, and 205, Introduction to Political Science.

<b>MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)</b>	18
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<b>BASIC PHYSICAL EDUCATION REQUIREMENTS</b>	6
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<b>MODERN LANGUAGE REQUIREMENTS</b>	10-20
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U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

SATISFACTORY COMPLETION OF A DEPARTMENTALLY  
APPROVED COMPREHENSIVE EXIT EXAMINATION

## MAJOR IN POLITICAL SCIENCE

### CORE CURRICULUM REQUIREMENTS

AREA I—HUMANITIES	HOURS CREDIT	AREA II—MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101, 240	10
Courses from English 203, 204, 205, 206, 207	5-10	Sciences: (a ten-hour sequence of a Lab Science at the 100 level)	10
Fine Arts 252, French 101,		Biology 101, 102, 103 (any two)	
German 101, Spanish 101	5	Chemistry 101-102, or 121-122	
		Physics 101, 102, 110 (any two) or 115, 116	



AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Political Science 205	5
History 100	5	French, German or	
History 101, 102, 103, 111	5	Spanish 211 and 212	10
A Course from:		Computer Science 100-200 level	5
Anthropology 100,		Courses from Anthropology,	
Psychology 101,		Economics, Geography,	
Sociology 100,		History, Philosophy, Political	
Business Admin. 221	5	Science, Psychology,	
		Sociology	10

POLITICAL SCIENCE MAJOR	45
Social Science 300, Political Science 205, 300, 303, 305, 401, 404, plus 10 hours of 300 and 400 level courses. To fulfill the requirements for a major in Political Science, a student must offer at least one 390 and at least one 490 level studies course in his appropriate field. These courses are open to students other than Political Science majors.	

COURSES IN THE MINOR	20
Majors in the field of Political Science must complete 20 hours of advanced study in a closely-related subject area. Minors may come from related fields with Social Sciences or from other related fields. A minor should be chosen on the basis of its relatedness to the student's scholarly interest and his career goals and only after consultation with his major advisor.	

The following fields may be used to fulfill the minor requirements. Anthropology, Economics, English, History, Modern Languages, Psychology, Sociology

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)	
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
MODERN LANGUAGE REQUIREMENTS	10-20
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	
SATISFACTORY COMPLETION OF A DEPARTMENTALLY APPROVED COMPREHENSIVE EXIT EXAMINATION	

### MAJOR IN POLITICAL SCIENCE—SECONDARY EDUCATION

CORE CURRICULUM AREA IV	
French 211, German 211 or Spanish 211	5
Computer Science 120, 130	5
Political Science 205	5
Anthropology 100, BA 221, 222,	
History 205, Psychology 205	
Sociology 205	15
(For Other Core Curriculum Requirements see above)	

COURSES IN THE MAJOR	35
Political Science 205, 300 and Soc. Sciences 300, 303, 305, 310, 401 and 5 hrs. from 390 and 490 courses following Political Thought	

**COURSES IN RELATED FIELD**

Ten (10) hours of 300-400 level work in related field in the Social Sciences	10
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**PROFESSIONAL EDUCATION SEQUENCE**

Education 204, 305, 311c, 421c, and 431c	35
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**OTHER REQUIREMENTS**

Physical Education 309, 390	6
Special Education 360	5

**ELECTIVES:** 15

In addition to the degree requirements, the student is expected to complete 10 hours of course work distributed among the following areas: Anthropology, Sociology, Economics, and History; (a) History 251, 252, 253 American History; (b) Anthropology 100, General Anthropology; (c) Sociology 100, Introduction to Sociology, and 205, Advanced General Sociology; (d) Economics.

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
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BASIC PHYSICAL EDUCATION REQUIREMENTS	6
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MODERN LANGUAGE REQUIREMENTS	5-15
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U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
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U.S. AND GEORGIA HISTORY REQUIREMENT	
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SATISFACTORY COMPLETION OF A DEPARTMENTALLY APPROVED COMPREHENSIVE EXIT EXAMINATION	
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**MAJOR IN SOCIOLOGY****CORE CURRICULUM REQUIREMENTS**

AREA I—HUMANITIES	HOURS CREDIT	AREA II—MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Math. 101, 240	10
Courses from English 203, 204 205, 206, 207	5-10	Sciences: (A ten-hour sequence of a Lab Science at the 100 level)	10
Fine Arts 252, French 101		Biology 101, 102, 103 (or any two)	
German 101, Spanish 101	5	Chemistry 101-102; or 121-122	
		Physics 101, 102, 110 (any two) or 115, 116	
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Sociology 205, 216, 225	15
History 100	5	Computer Science 120, 130	5
History 101, 102, 102, 111	5	Courses from Anthropology, Economics, Political Science, Psychology	5
A course from:	5	French 211, German 211, Spanish 211	5
Anthropology 100			
Psychology 101, or			
Sociology 100			
Business Admin. 221	5		
SOCIOLOGY MAJOR			45
Social Science 300, 310			
Sociology 205, plus 30 hours of 300 and 400 level courses.			

COURSES IN THE MINOR	20
Majors in the field of Sociology must complete 20 hours of advanced study in a closely-related subject area. Minors may come from related fields with Social Sciences or from other related fields. A minor should be chosen on the basis of its relatedness to the student's scholarly interests and his career goals and only after consultation with his major advisor.	
The following fields may be used to fulfill the minor requirements: Anthropology, Economics, English, History, Modern Languages, Political Science, Psychology, Sociology	
ELECTIVES (to bring the total number of credit hours to at least 185 hours of Physical Education)	20
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
MODERN LANGUAGE REQUIREMENTS	5-15
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
SATISFACTORY COMPLETION OF A DEPARTMENTALLY APPROVED COMPREHENSIVE EXIT EXAMINATION	

### **MAJOR IN SOCIOLOGY—SECONDARY EDUCATION (BEHAVIORAL SCIENCES)**

CORE CURRICULUM AREA IV	
French 211, German 211, Spanish 211	5
Computer Science 120, 130	5
Anthropology 100, Psychology 205, Sociology 205, Business Admin. 221, 222, History, 205 Political Science 205	20
COURSES IN THE MAJOR	
Social Science 300, 310; Sociology 205, 216, 301, 310 and 10 hours of appropriate courses in Sociology and Social Work (S.W. 250, 317, 330, 403)	40
COURSES IN RELATED FIELD	10
Ten (10) hours of 300-400 level work in Psychology	
PROFESSIONAL EDUCATION SEQUENCE	35
Education 204, 305, 311c, 421c, and 431c	
OTHER REQUIREMENTS	
Physical Education 309, 390	6
Special Education 360	5
ELECTIVES: At least 20 hours from Anthropology 100, Psychology 101, 205, 299, 305, 314	
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
MODERN LANGUAGE REQUIREMENTS	5-15
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	
SATISFACTORY COMPLETION OF A DEPARTMENTALLY APPROVED COMPREHENSIVE EXIT EXAMINATION	

# MULTI-DISCIPLINE MAJOR IN SOCIAL SCIENCES

## CORE CURRICULUM REQUIREMENTS

AREA I-HUMANITIES	HOURS CREDIT	AREA II—MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101, 102	10	Math. 101, 240	10
Courses from English 203, 204 205, 206, 207	5-10	Sciences: Biology 101-102, 103 (any two); or Chemistry 101-102 Physics 101, 102, 110 (any two) or 115, 116	10-15
Fine Arts 252, French 101, German 101, Spanish 101	5		
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	French, German or Spanish 211	5
History 100	5	Computer Science 100-200 level	5
History 101, 103, 111	5	Business Admin. 221, 222, 231, 251	10
Psychology 101, Sociology 100,		Courses from Anthropology 100, Psychology 205, 258, Political Science 205, Sociology 205, 216, 225 Social Work 201, 202, 250	10
Business Admin. 221, 222	5		
MULTI-DISCIPLINE SOCIAL SCIENCE MAJOR			
A * 1. Social Science 300, 310			10
2. One course from Business Administration Education 416, or Computer Science 351, 352			
B Business Administration 321, 322, 323, 361, 426, 427, 446			20
C Political Science 303, 305, 306, 310, 315, 401, 404, 410, 411, 412m 468			20
D *History 304, 305, 351, 352, 403, 451, 452			15
E * Psychology 300, 315, 320, 321, 343, 362, 420, 430			15
F * Sociology 301, 302, 303, 320, 321, 322, 330			15
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)			
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)			18
NOTE* Cadets enrolled in 18 hours of Military Science will be required to take 10 hours in A, 5 hours in D, 10 hours in E, and 10 hours in F.			
BASIC PHYSICAL EDUCATION REQUIREMENTS			6
MODERN LANGUAGE REQUIREMENTS			
U.S. AND GEORGIA CONSTITUTION REQUIREMENT			
U.S. AND GEORGIA HISTORY REQUIREMENT			
SATISFACTORY COMPLETION OF A DEPARTMENTALLY APPROVED COMPREHENSIVE EXIT EXAMINATION			

# MULTI-DISCIPLINE MAJOR—SOCIAL SCIENCES

## SECONDARY EDUCATION

### CORE CURRICULUM REQUIREMENTS

AREA I—HUMANITIES	HOURS CREDIT	AREA II—MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101, 102	10	Math. 101, 240	5-10
Courses from English 203, 204, 205, 206, 207	5-10	Sciences:	10-15
Fine Arts 252, French 101, German 101, Spanish 101	5	Biology 101-102, 103 (any two); or Chemistry 101-102	
		Physics 101, 102, 110 (any two) or 115, 116	
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	French 211, German 211	
History 100	5	Spanish 211	5
History 101, 102, 103, 111	5	A 100-200 level Computer Science course	5
Psychology 101,		Business Admin. 221, 222	10
Sociology 100,		Courses from	
Business Admin. 221	5	Anthropology 100, Political Science 205, Psychology 205, Sociology 205	10

### MULTI—DISCIPLINE MAJOR—SOCIAL SCIENCES (Secondary Education)

- A. Certification for Multi Disciplinary Social Science teachers in secondary schools must consists of a minimum of 75 quarter hours in four Social Science areas distributed as follows:
  1. A core of 45 hours in three areas, 15 hours each
  2. A concentration of 30 hours in one area not included in the core.
  3. Of the 75 quarter hours, 15 quarter hours must include work which deals with the Non-Western world.
- B. History. In 30 hour concentration — A minimum of 10 hours in American History, 10 hours in World History, and 5 hours in Non-Western History.  
In 15 hour core - History 205, and 5 hours of U.S. and 5 hours Europe of which 10 hours must be from 300-400 level courses.
- C. Economics: In 30 hour concentration — Must include Business Admin. 321, 322, 323, 352, 425, 428  
In 15 hour core - 15 hours from Business Admin. 321, 322, 323, 428
- D. Political Science: In 30 hour concentration — Must include Social Science 300; Political Science 300, 303, 305, 401, and 5 hours from 310, 315, 402.  
In 15 hour core - Political Science 303, 305, 401
- E. Psychology: In 30 hour concentration — Must include Psychology 300a, 300b, 309, 315, 343, 419.  
In 15 hour core — 15 hours from Psychology 300, 309, 315, 343.
- F. Sociology — In 30 hour concentration — Must include Social Science 300, 310; Sociology 216, 310, and 10 hours from appropriate 300-400 level courses in Sociology or Social Work (S.W. 250, 317, 330, 402, 403).

In 15 hour core — Sociology 205, 310, and an appropriate 300-400 level course in Sociology or Social Work.

STUDENTS IN MULTI-DISCIPLINE SOCIAL SCIENCE EDUCATION planning to do work in Area A in Economics or Psychology should see the departmental advisors in the respective discipline. Students in Area A disciplines see the Head of the Social Science Department.

#### PROFESSIONAL EDUCATION SEQUENCE

Education 204, 305, 311c, 421c, 431

35 hours

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)

#### OTHER REQUIREMENTS

Physical Education 309, 390

6

Special Education 360, 490

5

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)

18

BASIC PHYSICAL EDUCATION

6

MODERN LANGUAGE REQUIREMENTS

15

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

SATISFACTORY COMPLETION OF A DEPARTMENTALLY APPROVED COMPREHENSIVE EXIT EXAMINATION

#### MINOR IN HISTORY

History 205

5

Courses selected from 251, 252, 253

5-10

Courses from 300-400 level

10-15

#### MINOR IN POLITICAL SCIENCE

Political Science 205 and 15 hours from 300-400 level courses

20

#### MINOR IN SOCIOLOGY

Sociology 205 plus 10 hours of 300-400 level courses

20

### B.S.W. (BACHELOR OF SOCIAL WORK) PROFESSIONAL DEGREE PROGRAM

The Social Work training program will be professional in nature and lead to the B S W. (Bachelor of Social Work) Degree. Pre-admission evaluation of all degree students is required as well as periodic review of their Social Work aptitude.



## MAJOR IN SOCIAL WORK

### CORE CURRICULUM REQUIREMENTS

AREA I—HUMANITIES	HOURS CREDIT	AREA II—MATHEMATICS AND NATURAL SCIENCES	HOURS CREDIT
English 101-102	10	Mathematics 101, 113H	5
Courses from English 203, 204 205, 206, 207	5-10	Sciences: (one ten-hour sequence) Biology 101-102	10
Fine Arts 252	5	A 100-200 level five-hour course in Biology, Chemistry, Mathematics, or Physics	5
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Business Admin. 221, 222	5
History 100	5	Speech 211 or 213	5
Psychology 101	5	Courses from Sociology 205, 216, 225; Criminal Justice 201, 203; Social Work 201, 202	20
Sociology 100	5		
COURSES REQUIRED OF SOCIAL WORK MAJOR			50
Social Work 212, 250, 301, 315, 317, 330, 441, and Gerontology 211			
OTHER REQUIREMENTS			40
Additional courses from Political Science, Psychology and Sociology or other academic areas selected by the student and approved by the Director of Social Work Education.			
CONCENTRATION IN GERONTOLOGY			90
Gerontology 211, 302, 304, 305, 308, 309, 405 or 411 or 485 in addition to other courses approved in the Social Work sequence.			
CONCENTRATION IN MANAGEMENT OF GERONTOLOGICAL SERVICES			90
Gerontology 211, 302, 304, 305, 308, 309, 411, B.A. 206, 207, 420, 495, plus 10 hours from B.A. 330, 362, 450, 465, 490 in addition to other courses approved in Social Work sequence.			
CONCENTRATION IN GERONTOLOGICAL COUNSELING AND THERAPY			90
Gerontology 211, 302, 304, 305, 308, 309, 411, Psychology 420, 453, 454, 463, 433a, 433b, and 258 or 417 in addition to other courses approved in Social Work sequence.			
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)			
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)			18
BASIC PHYSICAL EDUCATION REQUIREMENTS			
U.S. AND GEORGIA CONSTITUTION REQUIREMENT			
U.S. AND GEORGIA HISTORY REQUIREMENT			
SATISFACTORY COMPLETION OF A DEPARTMENTALLY APPROVED COMPREHENSIVE EXIT EXAMINATION			

# COURSES IN SOCIAL SCIENCE

## COURSES IN ANTHROPOLOGY

100. **INTRODUCTION TO ANTHROPOLOGY.** 5 hours  
A survey of the science of Anthropology to include Modern Physical Anthropology, a consideration of the origins and evolution of man and the variation of modern man; Archaeology and Cultural Anthropology, to consider the origins and evolution of human societies and cultures and their modern variation. No prerequisite; open to freshmen.
300. **READINGS IN ANTHROPOLOGY.** 5 hours  
Independent readings from selected literature in the field of Anthropology. Although this course may be given through formally organized classes, it may also be given by arrangement under the supervision of a member of the Department of Social Science. Written or oral reports will be expected of each student in connection with each of the assigned readings.

## COURSES IN CRIMINAL JUSTICE

- 200 **HISTORICAL DEVELOPMENT OF HISTORY OF CRIMINAL JUSTICE.** 5 hours.  
An overview of the criminal justice system as it has historically developed in Western Civilization; pre-historical societies and continuing through ancient Rome, Greece, Judea, the Middle Ages, Feudal England, France, Napoleonic France (development of the Enlightenment Philosophies), until current period. This course is a prerequisite for all Criminal Justice majors.
201. **INTRODUCTION TO CRIMINAL JUSTICE.** 5 hours  
An historical and behaviorist study of the operation of the Criminal Justice system, its cultural context and contemporary trends at the national and local level.
250. **CRIMINAL LAW I.** 5 hours.  
This course will be an examination of the legal requirements for crimes through the perspective of a prosecuting attorney. The corpus delictis for offenses against persons and property will be dealt with.
300. **CRIMINAL LAW II.** 5 hours  
This course will be an extension of Criminal Law I. It will examine the area of crimes against the state but will largely deal with the possible defenses allowed in our legal system. This course should be taken the quarter after Criminal Law I.
310. **CONSTITUTIONAL LAW I.** 5 hours  
This course will examine the rights granted defendants within the criminal justice system under the Constitution. It will also examine procedural rules to be followed in case development.
312. **CONSTITUTIONAL LAW II.** 5 hours  
This course is an extension of Constitutional Law I. However, it will deal mainly with the constitutional rights of convicted offenders both before and after release.

320. **CRIMINOLOGY.** 5 hours  
A study of the social factors related to criminal behavior, prisons, and treatment practices
321. **JUVENILE DELINQUENCY.** 5 hours  
This course emphasizes three areas of the problem of juvenile delinquency. Causation, Treatment and Prevention.
322. **CORRECTIONS.** 5 hours  
A study of the American prison system. Comparison with the prison system of other nations will be made.
400. **CRIMINAL INVESTIGATIONS.** 5 hours  
This course deals with the introduction to investigation methodology and includes the theory of investigations, as conducted at the scene of the crime; collection and preservation of evidence, the use of informants, techniques of surveillance, and presentation of cases in court.
410. **EVIDENCE.** 5 hours  
An intensive study and analysis of the rules of evidence as they apply to criminal cases. Particular emphasis will be placed on burden of proof and hearsay evidence as well as the principles of exclusion and selection.
412. **THE JUDICIAL SYSTEM AND THE JUDICIAL PROCESS.** 5 hours  
A systematic study of the Judicial System and its role in the administration of Justice.
420. **CRIMINALISTICS.** 5 hours  
An introduction to the problems and techniques of scientific investigations in the criminal field. Emphasis will be placed on familiarizing the student with the role of science and technology in modern law enforcement.
450. **ADVANCED STUDIES IN CORRECTION.** 5 hours  
*Offered on Demand.*  
Prerequisite: Psychology 335 and S.W. 403. Study in institution-based treatment programs, community based treatment for pretrial and posttrial programs. Emphasis will be placed on the impact and operational aspects of these programs.
485. **INTERNSHIP IN CRIMINAL JUSTICE.** 5-15 hours  
An assignment to a law enforcement or related agency.
490. **INDEPENDENT STUDY IN CRIMINAL JUSTICE.** 5 hours  
Independent study in criminology, penology, social problems, human relationships and related topics

## COURSES IN GERONTOLOGY

211. **INTRODUCTION TO GERONTOLOGY.** 5 hours  
An interdisciplinary approach to the study of the process of aging

302. **SOCIOLOGICAL ASPECTS OF AGING.** 5 hours  
An examination, from a sociological frame of reference, of the interrelationships between the aged (or aging) and the structure and function of the social system and its major institutionalized sub-system.
303. **BIOLOGICAL ASPECTS OF AGING.** 5 hours  
A survey of the many biological aspects of the aging process. Emphasis will be placed on the gradual aging of the various organ systems and how these changes interact to produce the phenomenon of aging.
304. **RECREATION FOR THE AGING.** 5 hours  
Methods and materials in social recreation. Experience will be given in group planning and conducting social activities. Philosophy of Recreation and Leisure included, also basic information about aging.
308. **DIRECTED READINGS IN GERONTOLOGY.** 2 hours  
Directed readings covering topics in gerontology under the supervision of a faculty member.
309. **ECONOMIC PROBLEMS OF THE AGING.** 5 hours  
A study of economic issues related to aging such as income, maintenance problems, budgeting and labor force problems.
402. **AGING AND PERSONALITY.** 5 hours  
An introduction to personality theory and concepts of adjustment with an overview of counseling and rehabilitative efforts with the aged. Course also includes a study of how personality is influenced by and in turn influences the aging process.
405. **PSYCHO-SOCIAL CARE OF THE AGED AND TERMINALLY ILL.** 5 hours  
Common mental and physical health problems of the aged will be explored with emphasis on psycho-social needs. Attention will be given to psycho-social needs of the terminally ill and their families.
410. **SEMINAR IN GERONTOLOGY.** 2 hours  
A synthesis of gerontological concepts achieved through discussion and literature review; a survey of vocational opportunities in the field. Prerequisites: senior status, minimum of fifteen hours in gerontology courses.
411. **PSYCHOLOGY OF AGING.** 5 hours  
A study of the basic psychological processes as related to aging from the developmental perspective.
441. **GERONTOLOGY PRACTICUM.** 15 hours  
An assignment to an organization engaged in planning or administering programs for older people or in providing direct services to older people.

## **COURSES IN HISTORY**

100. **SURVEY OF AMERICAN AND GEORGIA HISTORY.** 5 hours  
This course is designed to satisfy the state law requiring that all students receiving degrees pass an examination in the history of the United States and Georgia

- 101, 102, 103. **WORLD CIVILIZATION.** 5, 5, 5 hours  
A survey of world civilization from prehistoric times to the present.
111. **SCIENCE AND MODERN CULTURE.** 5 hours  
A survey of the role of science and technology in shaping the modern mind.
205. **INTRODUCTION TO HISTORIOGRAPHY.** 5 hours  
A study of the writings of selected historians as they illustrate the problems and the methodology of historical scholarship.
251. **AMERICAN HISTORY, 1492 TO 1850.** 5 hours
252. **AMERICAN HISTORY, 1850 TO 1920.** 5 hours
253. **AMERICAN HISTORY, 1920 TO PRESENT.** 5 hours
300. **RENAISSANCE AND REFORMATION.** 5 hours  
A study of European social, political and intellectual developments between 1350 and 1648 with emphasis on Italian City—States, Humanism, breakup of medieval Christendom, dynasticism and wars of religion.
301. **AGE OF REASON.** 5 hours  
A study of Europe in the age of absolutism, the scientific revolution, social and political criticism, and the enlightenment between 1610 and 1770.
302. **ENLIGHTENMENT AND REVOLUTION.** 5 hours  
A study of Europe during the Enlightenment and the age of the French Revolution, 1740 to 1815.
308. **NINETEENTH CENTURY.** 5 hours  
A survey of the major political, social and intellectual developments, with emphasis on nationalism, socialism and liberalism between 1815 and 1914.
309. **TWENTIETH CENTURY, I.** 5 hours  
A study of the breakdown of liberal Europe, origins of the Great War, the Peace Settlement and its consequences. 1890 to 1928.
310. **TWENTIETH CENTURY, II.** 5 hours  
A study of the rise of Nazi Germany & the Soviet Union to world prominence, World War II, Cold War and the rise of the Third World.
311. **HISTORY OF ENGLAND TO 1603.** 5 hours  
A study of the growth and development of England during the Medieval and Tudor periods.
312. **HISTORY OF ENGLAND, 1603-1901.** 5 hours
313. **HISTORY OF ENGLAND—1901 TO THE PRESENT.** 5 hours  
A study of the growth of England during the twentieth century.

316. **TWENTIETH CENTURY REVOLUTIONARY NATIONALISM.** 5 hours  
Twentieth Century Revolutions in Russia, Asia, North Africa and the Middle East, and the rise of the Third World.
317. **MODERN FRANCE.** 5 hours  
A survey of political, social, cultural and economic developments in France since 1815.
318. **EMERGENCE OF MODERN GERMANY.** 5 hours  
A survey of the political, social, cultural and economic developments in Germany since 1848
320. **RUSSIAN HISTORY TO 1905.** 5 hours  
Muscovite period, westernization, Imperial period and the reform era.
321. **RUSSIAN HISTORY SINCE 1905.** 5 hours  
Revolutionary movements, 1905-1917. Bolshevik victory, N.E.P., modernization of Russia, Stalin, War, Russia as a super power and post-Stalin period.
325. **INTELLECTUAL HISTORY OF MODERN EUROPE.** 5 hours  
A study of the dominant ideas and movements since 1815 with emphasis on political and social ideas.
327. **SOCIAL AND ECONOMIC HISTORY.** 5 hours  
Pre-industrial society, mercantilism, technological innovation, industrial revolutions, modern world economy.
335. **SCIENCE IN SOCIETY.** 5 hours  
Background and consequences of the scientific revolution from the Renaissance to 1800.
340. **SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES TO 1830.** 5 hours  
The study deals with cultural and intellectual developments in America from the Colonial Period to 1830. Included in this course will be such subjects as *European Heritage*, *The American Frame of Mind*, *New World Science*, *Republicanism*, *A New Kind of Revolution*, and *The Power of an Idea*.
341. **SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES FROM 1830 TO 1900.** 5 hours  
This course is an investigation of the Social and Intellectual currents in the United States from 1830 to 1900. Included in the course will be discussions on such subjects as: *The Best of Jackson and Francis Parkman*, *Cult of the Common Man*, *The Antebellum South*, *The American Renaissance*, *High Tide of Romanticism*, *Intellectual Trends in Southern Nationalism*, *The New South*, *The Last Frontier*, *American Socialism*, *The Urban Impact on Rural Life*, and *American Industry and Labor*.



- 342. SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES, 1900 TO PRESENT. 5 hours**  
This course is an analysis of the social and intellectual currents in the United States from 1900 to present. Included in the course will be discussions on such ideologies as *Social Darwinism*, *Pragmatism*, *Conservatism*, *American Socialism*, and *The War to End the War*, *Ideologies*.
- 351. THE OLD SOUTH. 5 hours**  
A survey of economic, social, cultural, and political developments in the South from the founding of the Southern Colonies to 1865. Special emphasis will be placed on the role of the nonwhites in Southern Society starting with the adoption of the Fourteenth and Fifteenth Amendments during the Reconstruction periods and going up through the Civil Rights and Black Power Movements of the second half of the twentieth century.
- 352. THE NEW SOUTH. 5 hours.**  
A survey of economic, social, cultural and political developments in the South since the end of the Civil War. Special emphasis will be placed on the role of the nonwhites in Southern Society starting with the adoption of the Fourteenth and Fifteenth Amendments during the Reconstruction periods and going up through the Civil Rights and Black Power Movements of the second half the twentieth century.
- 355. ECONOMIC AND SOCIAL HISTORY OF THE UNITED STATES TO 1865. 5 hours**  
A history of American agriculture, transportation, mining, fishing, manufacturing, banking and labor from the beginning to 1865. Emphasis is placed on economic developments and how economic activity affected the lives of the people.
- 356. ECONOMIC AND SOCIAL HISTORY OF THE UNITED STATES, 1865 TO PRESENT. 5 hours**  
A history of American agriculture, transportation, mining, fishing, banking, manufacturing, mining and labor since 1865. Emphasis is placed on economic developments and how economic activity affected the lives of the people.
- 360. THE AMERICAN REVOLUTION. 5 hours**  
This course will investigate and analyze the social, political, economic and military events of the era from 1700 to 1783.
- 361. CIVIL WAR AND RECONSTRUCTION. 5 hours**  
History of the United States, 1860-1877. The course covers the outbreak of war, the war itself, the North during the War, the Confederacy, the Reconstruction program, the South during Reconstruction, and the North during Reconstruction.
- 370. APPALACHIAN STUDIES. 5 hours**  
A consortium on Appalachian culture with an emphasis on the North Georgia heritage. This is a lecture and independent research course.
- 375. HISTORY OF WESTERN WARFARE. 5 hours**  
A survey of western warfare from the beginning to the present, emphasizing the modern period. The course will examine the interrelationship of war and social, economic, political, and technological conditions.

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| 380. | THE FEMINIST MOVEMENT.<br>A historical study of the Feminist Movement in the United States emphasizing its political, economic, and social impact       | 5 hours |
| 385. | HISTORY OF THE FAR EAST.<br>A survey of oriental history with emphasis upon the role of Japan and China in world affairs during the nineteenth century. | 5 hours |

#### INDEPENDENT STUDIES AND COLLOQUIMS 400 LEVEL

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|------|---|---------|
| 400. | STUDIES IN HISTIOGRAPHY.                              | 5 hours |
| 410. | STUDIES IN ANCIENT AND MEDIEVAL HISTORY.              | 5 hours |
| 415. | STUDIES IN EARLY MODERN EUROPE.                       | 5 hours |
| 425. | STUDIES IN NINETEENTH AND<br>TWENTIETH CENTURY WORLD. | 5 hours |
| 435. | STUDIES IN TWENTIETH CENTURY HISTORY<br>SINCE 1928.   | 5 hours |
| 440. | STUDIES IN MODERN WORLD REVOLUTIONS.                  | 5 hours |
| 445. | STUDIES IN U.S. HISTORY.                              | 5 hours |
| 455. | STUDIES IN SOCIAL & CULTURAL<br>HISTORY OF U.S.       | 5 hours |
| 462. | STUDIES IN SOUTHERN HISTORY.                          | 5 hours |
| 465. | STUDIES IN U.S. DIPLOMATIC HISTORY.                   | 5 hours |
| 468. | STUDIES IN MODERN DIPLOMATIC HISTORY.                 | 5 hours |
| 475. | STUDIES IN MILITARY HISTORY.                          | 5 hours |
| 485. | STUDIES IN REGIONAL AND LOCAL HISTORY.                | 5 hours |

#### COURSES IN POLITICAL SCIENCE

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|------|--|---------|
| 101. | AMERICAN GOVERNMENT.<br><i>Fall, Winter, Spring, and Summer Quarters.</i><br>Prerequisite to all other courses. An intensive examination of the Constitution and the three governmental divisions. The course includes a study of the national government in its relation to the states. | 5 hours |
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205. **INTRODUCTION TO POLITICAL SCIENCE.** 5 hours  
The purposes of this course are to define the discipline of political science, to study political systems and their environments, political inputs, governmental structures, governmental authorities and processes, and policy outputs and impacts. Political Science 205 also familiarizes students with research techniques and sources necessary for research in political science.
300. **SCOPE AND METHODS OF POLITICAL SCIENCE.** 5 hours  
An introduction to empirical political analysis through a study of research design techniques, theoretical approaches, and quantitative methods.
303. **INTERNATIONAL RELATIONS.** 5 hours  
An analysis of the basic forces which govern the behavior of nations in their relations with one another. This study of world power conflicts, diplomacy and international cooperation is designed to acquaint the student with the basic issues and areas of conflict among the nation-states of the contemporary world.
305. **THE AMERICAN CONSTITUTIONAL SYSTEM.** 5 hours  
An examination of the development and nature of the American Constitutional system through Supreme Court cases defining the interrelationships of the executive, judicial and legislative branches and the relationships of the states to the national government.
306. **AMERICAN STATE GOVERNMENT.** 5 hours  
An examination of the organization and functions of the state and its political subdivisions. Wherever possible, the state government of Georgia will be studied for illustrative purposes.
310. **AMERICAN POLITICAL THEORY.** 5 hours  
Prerequisite: Political Science 101 and Junior standing. An analysis of the ideas underlying government and politics in the United States through a survey of American political thought from colonial times to the present.
315. **POLITICAL PHILOSOPHY.** 5 hours  
An analysis of ideas of selected western political philosophies from Plato to Twentieth Century political philosophers.
390. **STUDIES IN INTERNATIONAL RELATIONS.** 2 hours
391. **STUDIES IN STATE AND LOCAL GOVERNMENT.** 2 hours
392. **STUDIES IN TWENTIETH CENTURY POLITICAL THOUGHT.** 2 hours
393. **STUDIES IN LATIN AMERICAN GOVERNMENT.** 2 hours
401. **COMPARATIVE GOVERNMENT.** 5 hours  
A study of universal political principles and an application of these principles to the study of political systems on a comparative basis.
402. **TWENTIETH CENTURY POLITICAL THOUGHT.** 5 hours  
An analysis of modern political thought with an emphasis on the doctrines of capitalism and communism.

404. **PUBLIC ADMINISTRATION.** 5 hours  
An analysis of the theory, basic principles and practices of public administration in the United States through a study of organization, management, budgeting, personnel, administrative leadership and the characteristics of modern bureaucracies.
405. **GOVERNMENT AND POLITICS OF THE SOVIET UNION AND THE EASTERN EUROPEAN BLOC.** 5 hours
406. **SOVIET FOREIGN POLICY.** 5 hours  
Prerequisite: Political Science 101. This course is designed to enable the student to understand about the nature of foreign policy in general and Soviet foreign policy in particular. The topic will be taught from the point of view that Soviet foreign policy is a continuation of foreign policy goals of pre-Bolshevik Russian.
410. **THE LEGISLATIVE PROCESS.** 5 hours  
An analysis of the legislative process in the U.S. Congress and American State Legislatures.
411. **THE PRESIDENCY.** 5 hours  
An analysis of the role and function of the American Presidency
412. **THE JUDICIAL SYSTEM AND THE JUDICIAL PROCESS.** 5 hours  
A systematic study of the judicial system and its role in the administration of justice.
430. **PUBLIC POLICY PLANNING AND ANALYSIS.** 5 hours  
An analysis of major policy decisions and the impact of these decisions on the American Political System.
468. **CITY AND COUNTY GOVERNMENT.** 5 hours  
Organization and operation of city and county governments in the United States. Political aspects of these governments and techniques of citizen participation are studied.
485. **INTERNSHIP.** 15 hours
490. **READINGS AND RESEARCH IN COMPARATIVE GOVERNMENT.** 3 hours  
Prerequisite: Political Science 401
491. **READINGS AND RESEARCH IN AMERICAN POLITICAL THOUGHT.** 3 hours  
Prerequisite: Political Science 310.
492. **READINGS AND RESEARCH IN SOVIET AND EASTERN EUROPEAN GOVERNMENTS.** 3 hours  
Prerequisite: Political Science 405
493. **READINGS AND RESEARCH IN AMERICAN CONSTITUTIONAL SYSTEM.** 3 hours  
Prerequisite: Political Science 305 or 410 or 411.

495.	<b>READINGS AND RESEARCH IN INTERNATIONAL RELATIONS.</b>	<b>3 hours</b>
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## **COURSES IN SOCIAL SCIENCE**

300.	<b>STATISTICS FOR THE SOCIAL SCIENCES.</b> Prerequisite. Math 240. A brief review of the basis for inferential and descriptive statistics, statistical inference and the assumptions of causality through specific techniques and procedures including correlation, regression, etc. Emphasis will be placed on understanding the concepts behind the techniques as well as the mechanical skills involved. Calculators will be helpful for this course.	<b>5 hours</b>
310.	<b>RESEARCH METHODS IN THE SOCIAL SCIENCES.</b> Prerequisite. So. Sr. 300. A basic introduction into the area of research methods. The main areas of social research will be examined: Field, Survey, Evaluation, Experimentation and Content. Pragmatic and theoretical considerations will also be examined. A research project will be required of all students.	<b>5 hours</b>
335.	<b>FAMILY VIOLENCE.</b> Interdisciplinary course which will deal with the main areas of family violence; wife beating, husband beating, child abuse, sibling violence and "granny-bashing". These areas will be explored concerning causation, social and cultural context. Research in the area, responsibility and proposed means of prevention will also be dealt with.	<b>5 hours</b>
425.	<b>LAW AND SOCIETY.</b> A general overview of how laws can affect society and how people's attitudes can affect the law. It will deal with several landmark cases and laws including Brown vs. Board of Ed. (desegregation), Roe v. Wade (abortion), prohibition laws, drug abuse laws, and laws against homosexuality. The course will be taught in a seminar format and is recommended strictly for upper level students.	<b>5 hours</b>

## **COURSES IN SOCIOLOGY**

100.	<b>INTRODUCTION TO SOCIOLOGY.</b> Prerequisite to all other courses. The student is introduced to the methods of human associations; the nature of culture, custom, belief, institution, etc., and its role in the development of society.	<b>5 hours</b>
201.	<b>INTRODUCTION TO CRIMINAL JUSTICE.</b> An historical and behavioralist study of the operation of the Criminal Justice system, its cultural context and contemporary trends at the national and local level.	<b>5 hours</b>
205.	<b>ADVANCED GENERAL SOCIOLOGY.</b> A study of the social order emphasizing institutions, social classes, collective behavior, social movements, and associations.	<b>5 hours</b>
216.	<b>THE FAMILY.</b> The American family as a social institution.	<b>5 hours</b>

225. **SOCIAL PROBLEMS.** 5 hours  
A study of both general and special problems considered in the social and cultural setting in which they occur. The emphasis is upon the people and their behavior.
301. **URBAN SOCIOLOGY.** 5 hours  
A study of the modern city
302. **SOCIOLOGICAL ASPECTS OF AGING.** 5 hours  
An examination from a sociological frame of reference of the interrelationships between the aged (or aging) and the structure and function of the social system and its major institutionalized sub-system.
303. **POPULATION PROBLEMS.** 5 hours  
Population analysis, demographic theory, differentials, population policies, distribution of people.
305. **RACE AND MINORITY GROUPS.** 5 hours  
Patterns of domination and subordination; criteria for differential treatment, techniques of resistance to domination and methods of enforcing subordination. The social problems of discrimination.
310. **SOCIOLOGICAL THEORY.** 5 hours  
A survey of the major theoretical concepts of major writers in sociology from Comte to the present.
320. **CRIMINOLOGY.** 5 hours  
A study of the social factors related to criminal behavior, prisons, and treatment practices.
321. **JUVENILE DELINQUENCY.** 5 hours  
This course emphasizes three areas of the problem of juvenile delinquency: Causation, Treatment and Prevention.
322. **CORRECTIONS.** 5 hours  
A study of the American prison system. Comparison with the prison system of other nations will be made.
325. **INTRODUCTION TO GERONTOLOGY.** 5 hours  
An interdisciplinary approach to the study of the process of aging
330. **THE FEMINIST MOVEMENT.** 5 hours  
A historical study of the Feminist Movement in the United States emphasizing its political, economic, and social impact
400. **SEMINAR IN SOCIOLOGY.** 5 hours  
Intensive directed study in selected topics in Sociology.

## **COURSES IN SOCIAL WORK**

201. **HUMAN GROWTH AND SOCIAL ENVIRONMENT, I.** 5 hours  
A study of the interacting biological, psychological and socio-cultural factors in human growth and development. Includes knowledge and under-



standing of people as individuals, as members of organizations and communities. This course deals with the development of child and adolescent behavior.

202. **HUMAN GROWTH AND SOCIAL ENVIRONMENT, II.** 5 hours  
This course is a continuation of Human Growth and Social Environment, I and deals with the behavior development of young adulthood, the middle years and the years of aging
250. **THE FIELD OF SOCIAL WORK.** 5 hours  
An introductory course to the various aspects of present-day social work. Considers family and children's services, the courts, probation and parole, medical, social services, group work, community organization, public assistance and social security.
301. **SOCIAL WORK HISTORY AND PHILOSOPHY.** 5 hours  
Role and function of professional social work practice in dealing with current social welfare problems, historical background, ethical and normative considerations.
305. **RURAL SOCIAL WORK PRACTICE.** 5 hours  
A survey of current theories of rural social work practice and implications for human service delivery.
306. **READINGS IN CHILD DEVELOPMENT.** 2 hours  
A reading program covering topics in childhood behavior under the supervision of a faculty member.
307. **READINGS IN ADOLESCENT BEHAVIOR.** 2 hours  
A reading program covering topics in adolescent behavior under the supervision of a faculty member.
315. **SOCIAL WORK METHODS.** 5 hours  
A study of the conceptions, functions, and processes of various methods of social work through which the social functioning of individuals, groups, and communities may be enhanced. Emphasis will be on analyzing problem situations, then selecting appropriate goals and strategies of intervention. Prerequisite for S W 317, 402, 403, 404
317. **CRISIS INTERVENTION.** 5 hours  
Course covers the present range of theoretical formulations of crisis theory, the variety of ways it is being applied in practice, and research studies.
330. **METHODS OF SOCIAL WORK RESEARCH.** 5 hours  
An introduction to research methods used by social workers. The student is introduced to the interaction of problem finding, theory, methods, and data. Issues of sampling, statistical inference, and tests of significance are included. Problems of reliability and validity for survey data are discussed.
402. **FAMILY THERAPY.** 5 hours  
A survey of the major theories and techniques of family therapy

403. **GROUP DYNAMICS.** 5 hours  
Prerequisite: Social Work majors, senior standing or off-campus with two years of work experience in the field of social services or social work agency. A review of the development of research on processes in the small face-to-face group, with emphasis on motivational forces involved. Primary focus is to be on theory, but relationships to group leadership and management are included.
404. **COMMUNITY ORGANIZATION AND ADMINISTRATION** 5 hours  
Community organization as a method and process in Social Work. Analysis of community organization methods in achieving professional goals. Consists of seminars which focus on government development, community planning and coordination.
441. **SOCIAL WORK PRACTICUM.** 15 hours  
Prerequisite: S W 250, 301; and 315. An assignment to an organization engaged in planning or administering direct services to people.
490. **SENIOR SEMINAR IN SOCIAL WORK.** 5 hours  
Prerequisites: Senior status, S.W. 250, 301 and 315. A synthesis of social work concepts and social work problem areas achieved through discussion and literature review. A survey of vocational opportunities in the field.

## **COURSES IN REHABILITATION**

212. **THE FIELD OF REHABILITATION SERVICES.** 5 hours  
An introduction to resources available to people in need of rehabilitation. Emphasis will include the history and philosophy of the field.
464. **WORKING WITH THE HANDICAPPED.** 5 hours  
A study of the etiology, treatment, education, and vocational problems of the disabled individual.

# DEPARTMENT OF SPECIAL STUDIES

Vada K. Colbert, Deptment Head

## IMPLEMENTATION OF BOARD OF REGENTS' POLICY FOR SPECIAL STUDIES

The Special Studies Program is a system-wide program which was implemented by the Board of Regents of the University System of Georgia, Fall Quarter, 1973. The basic aims of the program are:

1. To enable students who, for various reasons, are ineligible for admission to the regular college curriculum to develop their basic skills to the point at which they will be able to undertake college work.
2. To give regularly admitted students who are experiencing academic difficulty the opportunity to develop their basic skills in the college environment. Such students may resume their place in the regular curriculum without having been forced to drop out of college.

## GENERAL ADMISSION REQUIREMENTS AND PROCEDURES

Basic requirements include graduation from high school or an equivalent completion of the GED. Students whose college entrance tests and/or high school academic record will not allow for regular admission to the College may be admitted as Special Studies students. Prior to registration, students designated as Special Studies students are given a battery of tests to evaluate potential for regular college work. If a student achieves satisfactory scores on the placement tests, he may be recommended for unconditional admission. However, if a student does not achieve satisfactory scores, he is placed in Special Studies courses, and his status remains conditional until he has successfully completed the prescribed program.

Special Studies courses are also open to regularly admitted students. If a student feels he has had inadequate preparation in any of the subject areas offered by the Department of Special Studies, he may wish to take one or more of the courses prior to enrolling in 100-level courses.

## GENERAL DESCRIPTION

Students assigned to the program of Special Studies will pursue developmental programs of study in the areas of language arts and/or mathematics (as determined by test scores) and counseling. No college level credit will be earned by Special Studies activities, and a student may or may not be permitted to take credit courses while he is assigned to the Special Studies Program.

The Special Studies Program seeks to offer a total program of personal and career guidance and counseling, together with carefully planned instruction and laboratory activities in the subject areas. The students are evaluated at regular intervals by their academic instructors as to performance, attitude, motivation, and other relevant factors. A student may progress at his own speed through the program and may be permitted a maximum of four quarters to complete the program.

The program is administered by the Head of the Department of Special Studies, and the overall responsibility for testing, course assignment, and guidance rests with the Special Studies Department.

## GRADING AND EXIT POLICIES

Special Studies students must exit all of their required Special Studies courses in order to be transferred to the standing of a regular student.

A student must achieve a minimum of a "C" average and a satisfactory score on a standardized exit examination before he will be permitted to exit Special Studies 50 and 52. A grade of "C" is required for exit from Special Studies 49, 51, and 60. Seven grading symbols are approved for use in the Department of Special Studies—namely, "A," "B," "C," "D," "F," "WF," and "IP." A grade of "IP" (In Progress) is assigned if a student has not achieved a minimum of a "C" average and/or has not achieved a satisfactory score on the exit examination. A grade of "IP" indicates a student will be retained in the course without penalty of grade assignment. If a student has not successfully completed a Special Studies course after the maximum number of quarters allowed, a grade of "D" or "F" is assigned.

## CLASS ATTENDANCE

A student in the Special Studies program will not be allowed more than three (3) unexcused absences during any given quarter. An **excused** absence is one for which the student has an infirmity statement or a written request from college officials for absences due to sports, band, chorus, military, and drama participation. Excused absences shall also include "official leaves" provided appropriate documentation is presented. **All absences, when possible, should be cleared with individual instructors prior to missing class.** After three (3) **unexcused** absences, a student will be dropped from class.

## COURSES IN SPECIAL STUDIES

49.        **DEVELOPMENTAL LANGUAGE ARTS I.**  
Required as a prerequisite to SpSt 50 for those students whose placement tests indicate a need for greater remediation. This course offers instruction in reading and basic linguistic skills. Emphasis is on development of vocabulary and spelling skills, fundamentals of grammar, sentence structure, and paragraph writing skills.  
Completion of this course with a "C" average will place the student in SpSt 50.
50.        **DEVELOPMENTAL LANGUAGE ARTS.**  
Required of those students whose performance on placement tests indicates the need for at least one quarter of remediation. This course offers instruction in reading and basic grammar skills with special emphasis on construction of effective sentences and paragraphs. Emphasis is also placed on fundamentals of essay writing.  
Special Studies students must receive a "C" in this course and pass the Basic Skills Exam (BSE) to be eligible for enrollment in English 101.
51.        **DEVELOPMENTAL MATHEMATICS I.**  
Required as a prerequisite to SpSt 52 for those students whose placement test scores indicate a need for greater remediation. This course offers instruction in topics from arithmetic, including whole numbers, fractions, decimals, ratios, proportions, and percents.  
Completion of this course with a "C" average will place the student in SpSt 52.
52.        **DEVELOPMENTAL MATHEMATICS II.**  
Required of those students whose placement test scores indicate the need for at least one quarter of remediation. This course offers instruction in number systems, fundamental operations, factoring, linear equations, graphs, exponents, radicals, quadratic equations, systems of equations, and inequalities.  
Special Studies students must receive a "C" in this course and pass the Basic Skills Exam (BSE) to be eligible for enrollment in Math 101 or Math 119.

53. **DEVELOPMENTAL MATH FOR THE ALLIED HEALTH FIELDS.**  
Required of those students who intend to pursue a degree in nursing and whose placement test scores indicate the need for at least one quarter of remediation. This course offers instruction in such topics as the arithmetic of fractions and decimals, ratio, proportion, and percent, solving simple equations and formulas; Roman numerals; the metric system; and selected concepts from trigonometry.  
"Required" Special Studies students must receive a "C" average and pass the Basic Skills Exam (BSE) in order to exit this course.  
Students referred by the nursing department because of a need for math remediation will receive grades of "A," "B," "C," "D," or "F" and are not required to pass the Basic Skills Exam (BSE)
60. **FUNDAMENTALS FOR COLLEGE SUCCESS.**  
This course is required for all Special Studies students and is designed to assist them in acquiring appropriate study skills, in adjusting to college demands, and in making career decisions. The course meets one day per week, carries the equivalent of one hour credit, and is conducted in the same manner as any content course.  
Special Studies students must receive a "C" in this course in order to pass the course and be considered for exit from the Special Studies program.
75. **SKILL DEVELOPMENT IN COMPOSITION AND READING.**  
This course offers instruction in preparing for both the reading and the essay portions of the Regents' Test. Individual weaknesses will be identified and specific reading and writing skills developed as means of increasing students' confidence in their ability to pass the test  
The class meets daily for approximately five weeks prior to the administration of the Regents' Test. Attendance policy is strictly enforced.  
Grading symbols approved are "A," "B," "C," "D," "WF," and "IP." A grade of "IP" indicates that a student has not passed the Regents' Test and will be required to enroll in Special Studies 75 the following quarter.
311. **ADVANCED READING.**  
A course is designed for those students who wish to improve their reading skills. Emphasis will be placed upon reading in the content areas, upon advanced comprehension skills—e.g., analysis, synthesis, judgment, recognizing and arranging sequence, identifying, interpreting, and evaluating.

# NORTH GEORGIA COLLEGE-PICKENS VOCATIONAL TECHNICAL SCHOOL

## COOPERATIVE PROGRAMS

The Cooperative Programs listed below are taught jointly by North Georgia College and the Pickens Area Vocational Technical School in Jasper, Georgia. All of the five programs listed lead to the Associate of Science Degree.

The Pickens Vocational Technical School has been named a resident center of North Georgia College. The general education courses and the related courses included in the listed cooperative programs can be counted toward appropriate degree programs.

Transfer students entering the Cooperative Programs must complete a minimum of 25 credit hours in general education through North Georgia College, Dahlonega, to qualify for the Associate Degree.

### ASSOCIATE OF SCIENCE DEGREE IN SECRETARIAL SCIENCE

GENERAL EDUCATION REQUIREMENTS	HOURS CREDIT	SECRETARIAL SCIENCE RELATED COURSES*	HOURS CREDIT
English 101 and 102	10	BA 110 Beginning Typing (112)*	2
Mathematics 101	5	BA 111 Intermediate Typing (114)	2
Political Science 101	5	BA 112 Advanced Typing (115)	3
Psychology 101	5	BA 114 Beginning Shorthand (120)*	5
Business Admin. 221, 222	10	BA 115 Intermediate Shorthand (121)	5
History 100	5	BA 116 Advanced Shorthand (122)	5
		BA 118 Office Machines (118)	5
		BA 231 Principles of Accounting (206)	5
		BA 251 Data Processing & Info. Sys (210)	5
		BA 261 Business Communications	5
		BA 392 Business Law (362)	5
		BA 216 Advanced Secretarial Practice (224)	5

\*Pickens Vo Tech course numbers in Parentheses. Where no number is shown, no corresponding North Georgia College course exists.

**ELECTIVES:** To be selected from courses listed in North Georgia College-Pickens Vo-Tech programs and approved by the student's advisor to bring the total hours to 95.

#### U.S. AND GEORGIA HISTORY REQUIREMENT

**NOTE:** Business Administration 110, 111, 112, 114, 115, 116, 118, 231, 251, 261, 392 and (224) will be taught by Pickens Area Vocational Technical School under their organizational structure for these courses. All other courses will be taught by North Georgia College.

*\*Students presenting high school credit in shorthand and /or typewriting will substitute other approved courses for these courses*



## ASSOCIATE OF SCIENCE DEGREE IN ACCOUNTING

GENERAL EDUCATION REQUIREMENTS	HOURS CREDIT	ACCOUNTING AND RELATED COURSES	HOURS CREDIT
English 101, 102	10	BA 110 Beginning Typing (112)*	2
Mathematics 101, 102	10	BA 111 Intermediate Typing (114)	2
Political Science 101	5	BA 118 Office Machines (118)	5
Business Admin. 221, 222	10	Business Math (101)	2
History 100	5	BA 231, 232 Principles of	
Psychology 101	5	Accounting (206, 207)	10
		BA 251 Data Processing & Info.	
		Systems (210)	5
		BA 261 Business Communications	5
		BA 392 Business Law (362)	5
		BA 235 Income Tax Procedures (425)	5
		BA 236 Cost Accounting (426)	5

\*Students presenting high school credit in typewriting will substitute an approved course for Business Administration 110

**ELECTIVES:** To be selected from courses listed in North Georgia College-Pickens Vo-Tech programs and approved by the student's advisor to bring the total hours to 95.

### U.S. AND GEORGIA HISTORY REQUIREMENT

**NOTE:** Business Administration 110, 111, 118, (101), 231, 232, 251, 261, 392, 235 will be taught by Pickens Area Vocational Technical School under their organizational structure for these courses. All other courses will be taught by North Georgia College.

## ASSOCIATE OF SCIENCE DEGREE IN DATA PROCESSING

GENERAL EDUCATION REQUIREMENTS	HOURS CREDIT	DATA PROCESSING RELATED COURSES	HOURS CREDIT
English 101 and 102	10	BA 118 Office Machines (118)	5
Mathematics 101, 102	10	BA 231, 232 Prin. of Accounting	
Political Science 101	5	(206, 207)	10
Psychology 101	5	BA 251 Electronic Data Processing and	
Business Admin. 221, 222	10	Information Systems (210)	5
History 100	5	Systems Analysis and Design (211)	5
		Fund. of Computer Programming (212)	5
		RPG Language (215)	5
		Cobal I (213)	5
		Cobal II (214)	5
		BA 261 Business Communications	
		(216)	5

**ELECTIVES:** None.

### U.S. AND GEORGIA HISTORY REQUIREMENT

**NOTE:** Business Administration 118, 231, 232, 251, (211), (212), (213), (214), (215), 261 will be taught by Pickens Area Vocational Technical School under their organizational structure for these courses. All other courses will be taught by North Georgia College.

\*Pickens Vo Tech course numbers in Parentheses Where no number is shown no corresponding North Georgia College courses exists

**ASSOCIATE OF SCIENCE DEGREE IN  
ELECTRONIC TECHNOLOGY**

<b>GENERAL EDUCATION REQUIREMENTS</b>	<b>HOURS CREDIT</b>	<b>ELECTRONICS RELATED COURSES</b>	<b>HOURS CREDIT</b>
English 101 and 102	10	Electronics 112-113	10
Mathematics 101	5	Electronics 114-115	10
Political Science 101	5	Electronics 116	5
Physics 223	5	Physics 340	5
Physics 224	5		
Physics 225	5		
History 100	5		
BA 221 or approved elective	5		
<b>ELECTIVES: (Choose one complete 20 hour option)</b>			
Electronics 221			5
Electronics 222			5
Electronics 223			5
Electronics 224			5
			<hr/> 20
Electronics 222			5
Electronics 231-232			10
Electronics 233			5
			<hr/> 20
Electronics 241			5
Electronics 242			5
Electronics 243-244			10
			<hr/> 20

**U.S. AND GEORGIA HISTORY REQUIREMENT**

**NOTE:** Physics 340 and Electronics 111, 112, 113, 114, 115, 116, 117 and all of the listed electives will be taught by the Pickens Area Vocational Technical School under their organizational structure for these courses. All other courses will be taught by North Georgia College.

**ASSOCIATE OF SCIENCE DEGREE IN DRAFTING AND  
DESIGN TECHNOLOGY**

<b>GENERAL EDUCATION REQUIREMENTS</b>	<b>HOURS CREDIT</b>	<b>DRAFTING AND DESIGN RELATED COURSES</b>	<b>HOURS CREDIT</b>
English 101 and 102	10	Engineering Drawing 111	5
Mathematics 101	5	Engineering Drawing 112	5
Political Science 101	5	Engineering Drawing 113	5
Psychology 101	5	Engineering Drawing 114	3
Physics 223	5	Engineering Drawing 115	3
Physics 224	5	Engineering Drafting 211	5
History 100	5	Engineering Drafting 212	5
B.A. 221 or approved elective	5	Engineering Drafting 213	5

ELECTIVES: (Choose one complete option)

Civil Drafting 131	3
Architectural Drafting 221	3
Architectural Drafting 223, or	
Architectural Drafting 224	3
Mechanical Drafting 242	5
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	14

Civil Drafting 131	3
Mathematics 215	5
Civil Drafting 232	3
Civil Drafting 234	3
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	14

Mechanical Drafting 141	3
Mechanical Drafting 242	5
Mechanical Drafting 243	3
Mechanical Drafting 244	3
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	14

U.S. AND GEORGIA HISTORY REQUIREMENT

NOTE: Engineering Drawing 111, 112, 113, 114, 115, Engineering Drafting 211, 212, 213 and all of the listed drafting electives will be taught by the Pickens Area Vocational Technical School under their organizational structure for these courses. All other courses will be taught by North Georgia College.

# MEMBERS OF THE BOARD OF REGENTS

## 224 Washington Street, S.W., Atlanta, Georgia

District	Regent	Address
State-at-Large	RUFUS B. COODY .....	Vienna
State-at-Large	MARIE W. DODD .....	Roswell
State-at-Large	JESSE HILL, JR. ....	Atlanta
State-at-Large	O. TORBITT IVEY, JR. ....	Augusta
State-at-Large	MILTON JONES .....	Columbus
First District	ERWIN A. FRIEDMAN .....	Savannah
Second District	WILLIAM T. DIVINE, JR. ....	Albany
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Fourth District	SCOTT CHANDLER, JR. ....	Decatur
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Sixth District	LAMAR R. PLUNKETT .....	Bowden
Seventh District	LLOYD L. SUMMER, JR. ....	Rome
Eighth District	THOMAS H. FRIER, SR. ....	Douglas
Ninth District	SIDNEY O. SMITH, JR. ....	Gainesville
Tenth District	JULIUS F. BISHOP .....	Athens

# STAFF OF THE BOARD OF REGENTS

Vernon Crawford .....	<i>Chancellor</i>
H. Dean Propst .....	<i>Acting Vice Chancellor</i>
Henry G. Neal .....	<i>Executive Secretary</i>
Shealy E. McCoy .....	<i>Vice Chancellor - Fiscal Affairs and Treasurer</i>
Frank C. Dunham .....	<i>Vice Chancellor - Facilities</i>
Mario J. Goglia .....	<i>Vice Chancellor - Research</i>
Robert M. Joiner .....	<i>Vice Chancellor - Public Relations and Information Services</i>
Howard Jordan, Jr. ....	<i>Vice Chancellor - Services</i>
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Harry B. O'Rear .....	<i>Vice Chancellor - Health Services</i>
Haskin R. Pounds .....	<i>Vice Chancellor - Planning</i>
James L. Carmon .....	<i>Assistant Vice Chancellor - Computer Systems</i>
Wanda K. Cheek .....	<i>Assistant Vice Chancellor - Planning</i>
Gordon M. Funk .....	<i>Assistant Vice Chancellor - Fiscal Affairs - Accounting Systems and Procedures</i>
Mary Ann Hickman .....	<i>Assistant Vice Chancellor - Academic Development</i>
H. Guy Jenkins, Jr. ....	<i>Assistant Vice Chancellor - Facilities</i>
Thomas E. Mann .....	<i>Assistant Vice Chancellor - Facilities</i>
Carol M. Miller .....	<i>Assistant Vice Chancellor - Planning</i>
Roger Mosshart .....	<i>Assistant Vice Chancellor - Fiscal Affairs - Budgets</i>
Jacob H. Wamsley .....	<i>Assistant Vice Chancellor - Fiscal Affairs</i>

# The University System of Georgia

The University System of Georgia includes all state-operated institutions of higher education in Georgia—4 universities, 14 senior colleges, 15 junior colleges. These 33 public institutions are located through the state.

A 15-member constitutional Board of Regents governs the University System, which has been in operation since 1932. Appointments of Board members—five from the state-at-large and one from each of the state's 10 Congressional Districts—are made by the Governor, subject to confirmation by the State Senate. The regular term of Board members is seven years.

The Chairperson, the Vice Chairperson, and other officers of the Board are elected by the members of the Board. The Chancellor, who is not a member of the Board, is the chief executive officer of the Board and the chief administrative officer of the University System.

The overall programs and services of the University System are offered through three major components: Instruction, Public Service/Continuing Education, Research.

**Instruction** consists of programs of study leading toward degrees, ranging from the associate (two-year) level to the doctoral level, and certificates.

Requirements for admission of students to instructional programs at each institution are determined, pursuant to policies of the Board of Regents, by the institution. The Board establishes minimum academic standards and leaves to each institution the prerogative to establish higher standards. Applications for admission should be addressed in all cases to the institutions.

A Core Curriculum, consisting of freshman and sophomore years of study for students whose educational goal is a degree beyond the associate level, is in effect at the universities, senior colleges, and junior colleges. This Curriculum requires 90 quarter-credit-hours, including 60 in general education—humanities, mathematics and natural sciences, and social sciences—and 30 in the student's chosen major area of study. It facilitates the transfer of freshman and sophomore degree credits within the University System.

Instruction is conducted by all institutions.

**Public Service/Continuing Education** consists of non-degree activities, primarily, and special types of college-degree-credit courses.

The non-degree activities are of several types, including such as short courses, seminars, conferences, lectures, and consultative and advisory services, in a large number of areas of interest.

Non-degree public service/continuing education is conducted by all institutions.

Typical college-degree-credit public service/continuing education courses are those offered through extension center programs and teacher education consortiums.

**Research** encompasses investigations conducted primarily for discovery and application of knowledge. These investigations include clearly defined projects in some cases, non-programmatic activities in other cases. They are conducted on campus and at many off-campus locations.

The research investigations cover a large number and a large variety of matters related to the educational objectives of the institutions and to general societal needs.

Most of the research is conducted through the universities; however, some of it is conducted through several of the senior colleges.

The policies of the Board of Regents for the government, management, and control of the University System and the administrative actions of the Chancellor provide autonomy of high degree for each institution. The executive head of each institution is the President, whose election is recommended by the Chancellor and approved by the Board.

The University System Advisory Council, with 34 committees, engenders continual System-wide dialogue on major academic and administrative matters of all types. It also makes recommendations to the Chancellor, for transmittal to the Board of Regents as appropriate, regarding academic and administrative aspects of operation of the System.

The Advisory Council consists of the Chancellor, the Vice Chancellor, and all Presidents as voting members, and it includes other officials and staff members of the institutions as nonvoting members. The Advisory Council's 21 academic committees and 13 administrative committees are made up of representatives from the institutions. The committees dealing with matters of University System-wide application include, typically, at least one member from each institution.

State appropriations for the University System are requested by, and are made to, the Board of Regents. Allocations of the appropriations are made by the Board. The largest share of the state appropriations—approximately 52 percent—is allocated by the Board for Instruction. The percentages of funds derived from all sources for Instruction in the 1980-81 fiscal year were: 77 percent from state appropriations, 20 percent from student fees, 3 percent from other internal income of institutions.

# Institutions of the University System of Georgia

h—On-Campus Student Housing Facilities  
 Degrees Awarded A—Associate; B—Bachelor's; J—Juris Doctor,  
 M—Master's, S—Specialist in Education; D—Doctor's

## Universities

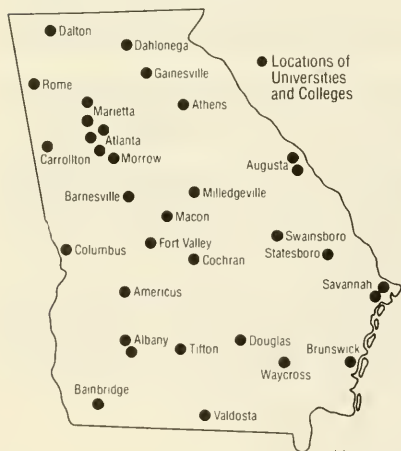
Athens 30602	Atlanta 30303
University of Georgia—h, B, J, M, S, D	Georgia State University—A, B, M, S, D
Atlanta 30332	Augusta 30912
Georgia Institute of Technology—h, B, M, D	Medical College of Georgia—h, A, B, M, D

## Senior Colleges

Albany 31705	Marietta 30061
Albany State College—h, B, M	Kennesaw College—A, B
Americus 31709	Marietta 30060
Georgia Southwestern College—h, A, B, M	Southern Technical Institute—h, A, B
Augusta 30910	Milledgeville 31061
Augusta College—A, B, M	Georgia College—h, A, B, M, S
Carrollton 30118	Savannah 31406
West Georgia College—h, A, B, M, S	Armstrong State College—A, B, M
Columbus 31993	Savannah 31404
Columbus College—A, B, M	Savannah State College—h, A, B, M
Dahlonega 30597	Statesboro 30460
North Georgia College—h, A, B, M	Georgia Southern College—h, A, B, M, S
Fort Valley 31030	Valdosta 31601
Fort Valley State College—h, A, B, M	Valdosta State College—h, A, B, M, S

## Junior Colleges

Albany 31707	Barnesville 30204
Albany Junior College—A	Gordon Junior College—h; A
Atlanta 30310	Brunswick 31523
Atlanta Junior College—A	Brunswick Junior College—A
Bainbridge 31717	Cochran 31014
Bainbridge Junior College—A	Middle Georgia College—h, A
	Dalton 30720
	Dalton Junior College—A
	Douglas 31533
	South Georgia College—h; A
	Gainesville 30403
	Gainesville Junior College—A
	Macon 31297
	Macon Junior College—A
	Morrow 30260
	Clayton Junior College—A
	Rome 30161
	Floyd Junior College—A
	Swainsboro 30401
	Emanuel County Junior College—A
	Tifton 31793
	Abraham Baldwin Agri. College—h, A
	Waycross 31501
	Waycross Junior College—A



University System of Georgia  
 244 Washington Street, S W  
 Atlanta, Georgia 30334



# ADMINISTRATION, FACULTY AND STAFF

## OFFICERS AND DIRECTORS OF ADMINISTRATION

John H. Owen, President, B.S.A., M.S., Ph.D.  
 Hugh I. Shott, II, Academic Dean, A.B., B.S., M.A., Ph.D.  
 William F. Gerspacher, Comptroller, B.S., M.B.A.  
 Gary R. Steffey, Registrar and Director of Admissions, B.B.A., M.B.A., M.Ed.  
 Martha M. Duvall, Assistant Registrar, B.S.  
 Thomas W. Dalton, Director of Public Relations, A.B.J., M.A.  
 H. Michael Hyams, Jr., Dean of Students, B.S., M.Ed.  
 James C. Parks, Director of Development and Community Services, B.S.Ed., M.Ed., Ph.D.  
 Bill B. Woody, Assistant Academic Dean, B.S., M.S.  
 Stephen L. Ferguson, Director of Personnel Services, B.S., M.Ed.  
 Alan D. Theriault, Director of Student Center and Auxiliary Services, B.A., M.A.  
 William D. Bellamy, Director of Testing and Placement, A.B., M.R.E., M.S., Ph.D.  
 Katherine Hinz, Assistant Dean of Students, B.S., M.Ed.  
 Larry Mitchell, Director of Continuing Education, A.B.J., M.A.  
 Jimmy L. Berrong, Director of Accounting, B.B.A.  
 Virgil McIntyre, Director of Computer Services, B.B.A., M.B.A.  
 Arnold Hulsey, Director of Financial Aid, B.A., M.Ed.  
 Randy Butler, Director of Plant Operations, B.S.A.E.  
 Billy Smith, Director of Student Recruiting, B.S.  
 R. Olin Jackson, Director of Media Services, B.S.

## FACULTY AND STAFF

Meetings of the faculty are held at least once each quarter

STEPHEN W. ARMSTRONG (1979).....*Assistant Professor of Special Education*  
 B.A., Central Florida University; M.Ed., University of Florida.  
 LINDA B. AUGUST (1972) ..... *Associate Professor of Social Science*  
 B.A., Wesleyan College; M.S.S.W., University of Tennessee.  
 GEORGE B. BELDEN (1971) .....*Associate Professor Education*  
 B.A., M.S., Ph.D., Florida State University  
 BIRDIE E. BELL (1966) ..... *Assistant Professor of Physical Education*  
 B.S., Alabama College; M.Ed., University of Arizona  
 WILLIAM D. BELLAMY (1964) .....*Professor of Psychology*  
 A.B., Bob Jones University; M.R.E., New Orleans Baptist Theology Seminary; M.S.,  
 Ph.D., University of Southern Mississippi.  
 SIDNEY E. BENTON (1975) .....*Professor of Education*  
 B.S., University of Montevallo; M.A., University of Alabama; Ed.D., University of  
 Georgia.  
 ALLAN S. BICKLEY (1962)..... *Assistant Professor of Physical Education*  
 B.S. Ed., M.Ed., University of Georgia.  
 KAY T. BIDDY (1978) .....*Assistant Professor of Education*  
 B.S., M.Ed., Georgia Southern College.  
 JOSEPH A. BIESBROCK (1970) ..... *Professor of Biology*  
 B.S., Utah State University; M.S., Ph.D., University of Georgia  
 MARIE J. BRIDGES (1975) .....*Assistant Professor of Nursing*  
 B.S., M.N., Emory University  
 DOROTHY L. BROCK (1975)..... *Associate Professor of Biology*  
 A.B., Tift College; M.S., Oregon State University; Ed.D., University of Georgia

- BARBARA E. BROWN (1974) ..... *Assistant Professor of Physical Education*  
A.B., Judson College, M.A., University of Alabama.
- PHILIP G. BUCKHIESTER (1976) ..... *Professor of Mathematics*  
B.S., Ph.D., Clemson University
- JOAN M. BURNHAM (1974) ..... *Assistant Professor of Nursing*  
B.S.N., Alverno College.
- MAC A. CALLAHAM (1963) ..... *Professor of Biology*  
B.S.Ed., University of Georgia, M.A. Ed.S., Peabody College; Ph.D., University of Georgia.
- MARJORIE J. CLARK (1973) ..... *Librarian and Adjunct / Assistant Professor of Library Science*  
A.B., Piedmont College; M.Ln., Emory University.
- CHARLES J. CLARKSON, Captain, Armor (1979) ..... *Assistant Professor of Military Science*  
B.S., North Georgia College; M.S., American Technological University.
- VADA K. COLBERT (1972) ..... *Associate Professor of Education*  
B.A., University of Arkansas; M.A., University of Alabama, Birmingham; Ph.D., University of Alabama, Tuscaloosa.
- MARY CYNTHIA COMER (1979) ..... *Assistant Librarian and Adjunct Instructor of Library Science*  
B.S., M.Ln., Emory University.
- LESTER E. CONYERS (1979) ..... *Assistant Professor of Business Administration*  
B.S., M.Ed., Memphis State University
- JIM G. COONE (1968) ..... *Associate Professor of Psychology*  
A.B., Carson-Newman College; M.S., Ph.D., University of Georgia.
- WINSLOW G. CRANNELL (1971) ..... *Associate Professor of Art*  
A.A., Manatee Junior College; B.A., M.F.A., Florida State University.
- JOHN F. CSOMOR (1967) ..... *Assistant Professor of Social Science*  
B.S., M.A., Indiana University; further study Purdue University.
- THOMAS W. DALTON, JR. (1970) ..... *Assistant Professor of Journalism*  
A.B.J., M.A., University of Georgia.
- THOMAS C. DAVIS (1964) ..... *Professor of Chemistry*  
B.S., North Georgia College; Ph.D., Florida State University; further study, National Science Foundation Summer Institute of Emory University.
- T. MICHAEL DAVIS (1977) ..... *Assistant Professor of Physics*  
B.S., North Georgia College; Ph.D., Clemson University.
- H. LAWRENCE DENNIS (1968) ..... *Professor of Business Administration*  
B.S., Newberry College; CPA, State of South Carolina, M.S., University of South Carolina; D.B.A., University of Kentucky.
- VALENTINE DOBBS (1964) ..... *Adjunct Assistant Librarian / Assistant Professor of Library Science*  
B.A., North Georgia College; M.Ln., Emory University.
- PAUL G. DOBSON (1972) ..... *Professor of Social Science*  
B.A., Brooklyn College, Ph.D., New York University.
- ANN H. DOWDY (1978) ..... *Instructor of Education*  
B.A., M.Ed., North Georgia College.
- LEO C. DOWNING (1980) ..... *Assistant Professor of Criminal Justice / Sociology*  
B.S., Northwestern University; M.A., Indiana State University; Ph.D., Oklahoma State University

- CAROL DUFFEY (1980) .....*Assistant Professor of Social Work*  
B.A., LaGrange College; M.S.W., University of Arkansas; M.Ed., University of Georgia.
- MARY ANN DYKES (1977) .....*Assistant Professor of Business Administration*  
B.B.A., M.A.C.C., University of Georgia
- ERNEST ELDER, JR. (1967) .....*Assistant Professor of Mathematics*  
B.S., University of Georgia; B.S., M.S., Georgia Institute of Technology; further study, Ohio State University, Georgia Institute of Technology.
- ALLEN R. ELLINGTON (1964) .....*Professor of Business Administration*  
B.S., M.A., Appalachian State College; Ed.D., University of Georgia
- WILLIAM E. ENSLEY (1971) .....*Associate Professor of Physical Education*  
B.S.Ed., University of Georgia; M.Ed., University of Georgia
- JAMES M. EWING, JR. (1971) .....*Associate Professor of English*  
B.A., M.A., University of Mississippi; Ph.D., University of Southern Mississippi.
- STEPHEN LAMAR FERGUSON (1979) .....*Adjunct Instructor of Psychology*  
B.S., Georgia State University; M.Ed., North Georgia College.
- TERRY R. FLESCHE (1978) .....*Assistant Professor of Physics*  
A.B., Thomas More College; Ph.D., University of Florida
- DAVID A. FORE (1978).....*Assistant Professor of Education*  
A.B., Davidson College; M.A., Boston University; Ed.D., University of Houston; further study, Phillips-Universitaet
- THOMAS H. FOX (1976) .....*Assistant Professor of Biology*  
B.A., Gettsburg College; Ph.D., University of North Carolina
- ESLA ANN GAINES (1967) .....*Assistant Professor of English*  
A.B., Mercer University; M.A.T., Duke University; further study, University of North Carolina.
- WILLIE H. GORDON (1977).....*Adjunct Instructor of Library Science*  
B.S., Rust College; M.L.S., Kent State University
- LYMAN L. HAMMOND (1966) .....*Assistant Professor of Music*  
B.M., M.M.Ed., Florida State University; further study, Florida State University
- ANTHONY D. HARRIS (1981) .....*Instructor of Physical Education*  
B.S., M.Ed., North Georgia College.
- DAVID W. HENDERSON, JR. (1979) .....*Assistant Professor of Special Education*  
B.S., Jacksonville University; M.Ed., Ed.S., University of Florida.
- THERON H. HILL, Colonel, Infantry (1980) .....*Professor of Military Science*  
B.S., North Georgia College; M.B.A., University of South Carolina.
- KATHERINE HINZ (1972) .....*Adjunct Assistant Professor of Education*  
B.S., Mississippi State College for Women; M.Ed., University of Florida; further study, University of Georgia.
- HENRY G. HOLCOMB, Captain, Infantry (1980) ..*Assistant Professor of Military Science*  
B.S., North Georgia College; M.E., Appalachian State University
- MARY E. HOOD (1947) .....*Assistant Librarian and Associate Professor*  
*of Library Science*  
A.B., Piedmont College; B.S.L.S., M.A.L.S., Peabody College.
- H. MICHAEL HYAMS, JR. (1971) .....*Assistant Professor of Education*  
B.S., M.Ed., Northwestern State University of Louisiana.
- CECIL L. JACKSON (1967) .....*Professor of Psychology*  
A.B., Mercer University; M.Ed., Ph.D., University of Georgia; further study, San Diego State.

- JAMES R. JANSSENS, Captain, Field Artillery (1979).....*Assistant Professor of Military Science*  
B.S., Cameron University.
- PERCY C. JONES (1980) ..... *Assistant Professor of Physical Education*  
B.S., M.S., University of Southern Mississippi; Ed.D., University of Georgia
- REMBERT M. KEITH, Captain, Ordinance Corps (1980) .....*Assistant Professor of Military Science*  
B.S., Clemson University.
- DONALD E. KINKAID (1965)..... *Professor of Physics*  
B.S., M.S., Ph.D., Clemson University.
- GUY V. LAIL (1960) .....*Associate Professor of English*  
B.S., M.A., Appalachian State College; further study, Appalachian State College, and University of Maine.
- JUDITH L. LONG (1979) .....*Assistant Professor of Education*  
B.A., M.Ed., Georgia State University; Ph.D., University of Georgia.
- JEFFREY R. LUQUES, Captain, Infantry (1980) .....*Assistant Professor of Military Science*  
B.B.A., North Georgia College.
- STEPHEN J. MARRETT (1979) ..... *Instructor of Business Administration*  
B.S., Plymouth State College; M.S., Clemson University.
- PAUL E. McCLURE (1969).....*Associate Professor of English*  
A.B., Berry College, M.Ed., Georgia Southern College; Ph.D., University of Georgia.
- TOMMYE L. McCLURE (1972) .....*Assistant Professor of Fine Arts*  
B.S., M.A., University of Georgia, M.F.A., East Tennessee State University.
- PETER J. McDONALD (1977) ..... *Assistant Professor of Psychology*  
B.A., Macalester College; M.S., Ph.D., Tulane University
- EVA McGAHEE (1965) .....*Assistant Professor of Education*  
B.S.H.E., Berry College, M.Ed., University of Georgia; further study, University of Iowa, University of Tennessee, Colorado State University, and Georgia State University.
- VIRGIL W. McINTYRE (1976) ..... *Adjunct Instructor of Business Administration*  
B.B.A., M.B.A., Georgia College.
- TERRY M. McLEOD (1975) ..... *Associate Professor of Education*  
B.S.Ed., M.A., Ed.D., University of Alabama.
- SHARON I. MERREFIELD (1977) .....*Assistant Professor of Nursing*  
A.D.N., St. Petersburg Junior College, B.S.N., Armstrong State College, M.S.N., Medical College of Georgia.
- MARY RUTH MILLER (1976)..... *Professor of English*  
A.B., Florida State University; M.A., George Peabody College; Ph.D., Duke University.
- LARRY E. MITCHELL (1970) ..... *Adjunct Assistant Professor of Cont. Ed.*  
A.B.J., M.A., University of Georgia.
- JOE H. MORGAN (1971) .....*Assistant Professor of Speech and Drama*  
A.B., University of Tennessee at Chattanooga, M.F.A., University of Georgia.
- BRIAN M. MURPHY (1981) ..... *Instructor of Political Science*  
B.A., University of Dayton; M.A., Ph.D., Miami University of Ohio.
- RICHARD M. NEGLEY (1957) .....*Assistant Professor of Mathematics*  
B.S., Western Illinois State College; M.S., Florida State University; M.A., University of Illinois.
- CHARLES S. NOBLE (1972) .....*Professor of Psychology*  
B.A., Hanover College; M.S., Ph.D., University of Georgia

- W GUY OLIVER (1964) ..... *Professor of Modern Languages*  
B.A., B.D., University of Manchester, Ph.D., Hebrew Union College; further study,  
University of Nevada
- CHRISTOPHER J. OLSON, Captain, Infantry (1979) ..... *Assistant Professor of*  
*Military Science*  
B.A., Norwich University
- JANIE D. OSBORN (1975) ..... *Associate Professor of Education*  
B.S., M.A., Ed.D., University of Alabama
- JOHN H. OWEN (1970) ..... *Professor of Biology*  
B.S.A., University of Florida; M.S., Ph.D., University of Wisconsin.
- ROBERT L. OWENS (1965) ..... *Professor of Art*  
B.F.A., M.F.A., University of Georgia
- DAVE PANDRES, JR (1971) ..... *Associate Professor of Mathematics.*  
B.S., M.A., Ph.D., University of Texas.
- JAMES C. PARKER (1975) ..... *Assistant Professor of Biology*  
B.A., Shorter College; Ph.D., Virginia Polytechnic Institute.
- JAMES C. PARKS (1980) ..... *Professor of Psychology*  
B.S.Ed., Auburn University; M.Ed., Ph.D., University of Georgia
- DENISE E. PARR (1978) ..... *Instructor of Music*  
B.M., M.F.A., University of Georgia
- SARAH L. PATRAM (1974) ..... *Associate Professor of Nursing*  
A.B., Bridgewater College, B.S.N Ed., University of Virginia, M.S.N., The Catholic Uni-  
versity of America
- PAUL R. PATTEN (1980) ..... *Assistant Professor of Mathematics*  
B.A., University of Oklahoma, M.A., University of Massachusetts; Ph.D., University of  
Oklahoma.
- JOHN F. PEARCE (1970) ..... *Fuller E. Callaway Professor of Economics*  
B.S., Furman University; M.A., University of Pennsylvania; Ph.D., University of Alabama,  
C.L.U., American College of Life Underwriters.
- BILL W. POPE, Captain, Signal Corps (1980) ..... *Assistant Professor of*  
*Military Science*  
B.S., North Georgia College.
- JOHN E. RABER (1971) ..... *Associate Professor of Physical Education*  
B.S., Lock Haven State College; M.S., Bucknell University, Ed.D., University of Georgia
- RAY C. RENSI (1966) ..... *Professor of Social Science*  
A.B., Milligan College; M.A., East Tennessee State University; Ph.D., University of  
Georgia
- THOMAS W. RICHARDSON (1971) ..... *Associate Professor of Chemistry*  
B.S., M.A., University of Texas at Austin; Ph.D., University of Florida
- WILLIAM P. ROBERTS (1949) ..... *Professor of Social Science*  
A.B., Emory University; M.A., Ph.D., University of North Carolina, further study, Tunghai  
University.
- GEORGE S. ROSS (1979) ..... *Adjunct Instructor of Education*  
B.S., M.Ed., North Georgia College.
- WILLIAM G. ROUGHEAD (1966) ..... *Professor of Mathematics*  
B.S., M.S.Ed., Illinois State University, M.A., University of Illinois; Ph.D., Florida State  
University
- ROBERT G. SABA (1972) ..... *Associate Professor of Education*  
B.S., College of Santa Fe; M.Ed., Louisiana State University; Ph.D., University of South-  
ern Mississippi.

- WALTON L. SATCHER (1980)..... *Temporary Instructor of Physical Education*  
B.S., Georgia Southern College; M.A., Appalachian State University
- CHRISTOPHER S. SHARP (1971) .....*Professor of Education*  
B.A., Wofford College, M.Ed., University of North Carolina; Ph.D., University of South Carolina
- HUGH I. SHOTT II (1966) ..... *Professor of English*  
A.B., West Virginia University; B.S., Concord College; M.A., University of Virginia; Ph.D., University of Denver
- DONALD L. SINGLETARY (1975) .....*Assistant Professor of Nursing*  
B.S., University of Georgia, B.S.N., Medical College of Georgia School of Nursing, M.A.T., Emory University.
- HARRY V. SMITH, LTC, Infantry (1979) .....*Assistant Professor of Military Science*  
B.S., North Georgia College.
- LAWRENCE J. SOROHAN (1972) .....*Professor of Education*  
B.S.Ed., University of Dayton; M.Ed., Ph.D., Ohio University.
- SARA J. STEELE (1971) ..... *Assistant Professor of Psychology*  
B.S., North Georgia College; M.S., University of Georgia, further study, University of Georgia.
- GARY R. STEFFEY (1976) .....*Instructor of Business Administration*  
B.B.A., M.B.A., University of Georgia, M.Ed., North Georgia College.
- ALAN D. THERIAULT (1973) .....*Adjunct Instructor of Education*  
B.A., M.A., Northwestern State University of Louisiana.
- JUDITH N. TRUE (1975) ..... *Associate Professor of Education*  
B.A., Marshall University; B.S., M.S., Florida State University; Ph.D., Georgia State University.
- GAUTAM D. VASHI (1979) ..... *Assistant Professor of Business Administration*  
B.A., South Gujarat University, M.A., M.S., University of Baroda; M.A., Georgia State University.
- JEWEL M. WADE (1975) .....*Professor of Education*  
A.B., Mercer University; M.Ed., Ed.D., University of Georgia
- TOM G. WALTER (1978) .....*Adjunct Instructor of Education*  
B.S., M.S., Illinois State University
- EUGENE E. WIGGINS (1969) ..... *Professor of English*  
A.B., University of Chattanooga, M.A., Ph.D., Vanderbilt University
- JOHN B. WOOLFOLK (1970) .....*Assistant Professor of Chemistry*  
B.S., M.S., Auburn University; further study, Auburn University.
- DAVID YU (1980) ..... *Temporary Instructor of Business Administration*  
B.A., Virginia Commonwealth University; M.B.A., Georgia State University.



## ADMINISTRATIVE STAFF

Berrong, Mr. Jimmy	Director of Accounting
Burt, Ms. Judy L.	Library Assistant
Butler, Mr. Randall	Director of Plant Operations
Clark, Ms. Marjorie	Head Librarian
Comer, Ms. Cynthia	Assistant Librarian
Conner, Mr. Robert E.	Bookstore Manager
Crowell, Ms. Paula	Head Resident
Dalton, Mr. Thomas W.	Director of Public Relations
Dobbs, Ms. Valentine	Librarian
Duval, Ms. Mary	Nurse
Duval, Mrs. Martha	Assistant Registrar
Ferguson, Mr. Michael	Computer Services Assistant
Ferguson, Mr. Stephen L.	Director of Personnel Services
Gerspacher, Mr. William F.	Comptroller
Gilleland, Mrs. Alda	Accountant
Gordon, Mr. Willie	Assistant Librarian
Grizzle, Mrs. Katherine	Nurse
Hinz, Ms. Katherine	Assistant Dean of Students
Hood, Ms. Mary	Librarian
Hooper, CPT Fred	Chief of Security
Hulsey, Mr. William A.	Director of Student Aid
Hyams, Mr. Henry M., Jr.	Dean of Students
Jackson, Mr. R. Olin	Director of Media Services
Jones, Mrs. Nora C.	Manager, Alumni Data System
Kanady, Mrs. Mera	Nurse
Loehr, Mr. Roy	Director of Procurement
McIntyre, Mr. Virgil	Director of Computer Services
Mitchell, Mr. Lawrence	Director of Continuing Education
Norrell, Mr. Phillip	Assistant Director of Plant Operations
Owen, Dr. John H.	President
Parks, Dr. James C.	Director of Development and Community Services
Patton, Mrs. Yvonne	Manager, Snack Bar
Phillips, Ms. Ann	Supervisor, Food Service
Price, Mr. William H.	Tactical Officer, Corps of Cadets
Price, Mrs. Deborah	Job Development and Placement Coordinator
Ross, Mr. George S.	Off-Campus Coordinator
Ross, Mrs. Gail	Coordinator-Alumni Services
Satcher, Mrs. Karen L.	Head Resident
Smith, Mrs. Debbie	Library Assistant, Cataloging
Smith, Mr. Billy	Director of Student Recruiting
Steffey, Mr. Gary	Director of Admissions and Registrar
Therault, Mr. Allan	Director of Student Center and Auxiliary Services
Thomas, Mr. Wesley	Assistant Director of Student Center
Walker, Mrs. Carole	Special Studies Lab Coordinator
Walter, Mr. Tom	Student Counselor
Watson, Mrs. Ann	Manager, Food Service
Webb, Mr. John	Supervisor, Food Service
Wooten, Mr. Scott	Library Assistant

## STAFF

Acrey, Mr. Richard .....	<i>Building Superintendent</i>
Adams, Mrs. Kathy .....	<i>Secretary, Social Science</i>
Anderson, Mr. Roy K. ....	<i>Public Safety Officer</i>
Anderson, Mr. Albert .....	<i>Custodian Supervisor</i>
Black, Ms. Loretta .....	<i>Secretary to Assistant Dean of Students</i>
Bradford, Mr. Tracy E. ....	<i>Public Safety Officer</i>
Byrd, Mrs. Andrea .....	<i>Secretary, Dean's Grant</i>
Caldwell, Mrs. Mildred .....	<i>Clerk Typist II</i>
Caldwell, Mrs. Frankie .....	<i>Accounts Payable Clerk</i>
Caldwell, Mrs. Linda .....	<i>Secretary to Comptroller</i>
Cantrell, Mrs. Tammy .....	<i>Secretary to Director of Student Aid</i>
Conner, Mrs. Lorene .....	<i>Switchboard Operator</i>
Cosens, Ms. Nell .....	<i>Computer Technician</i>
Daughtery, Mrs. Dolores .....	<i>Secretary to Director of Student Center</i>
Dockery, Mr. Doyal .....	<i>Postmaster</i>
Eaton, Mrs. Deborah .....	<i>Secretary, Graduate Education</i>
Edge, Ms. Marion .....	<i>Secretary to English and Fine Arts</i>
Fortner, Mrs. Reba .....	<i>Secretary to Director of Public Relations</i>
Fosgate, Ms. Grace .....	<i>Clerk, Fine Arts</i>
Freeman, Mrs. Doris .....	<i>Secretary to President</i>
Gilstrap, Mrs. Mary E. ....	<i>Secretary to Student Counselor</i>
Gooch, Mr. Pat .....	<i>Public Safety Officer</i>
Grant, Ms. Sandra .....	<i>Secretary to Director of Personnel Services</i>
Grizzle, Mrs. Beverly .....	<i>Accounting Clerk</i>
Grizzle, Mr. Kim .....	<i>Buyer I</i>
Horton, Mrs. Peggy .....	<i>Public Safety Officer</i>
Jackson, Mr. Charlie Jr. ....	<i>Public Safety Officer</i>
Kinkaid, Mrs. Betty .....	<i>Secretary, Business Administration</i>
Langdon, Ms. Shirley .....	<i>Secretary to the Dean</i>
Layne, Mrs. Karen .....	<i>Secretary, Media Services</i>
Lunsford, Mrs. Judy .....	<i>Secretary to Dean of Students</i>
McCaleb, Mrs. Edna .....	<i>Secretary, Department of Nursing</i>
Mulkey, Mrs. Patricia .....	<i>Secretary, Registrar's Office</i>
Palmer, Mrs. Ola .....	<i>Cashier, Clerk I</i>
Phillips, Ms. Clara .....	<i>Accounting Clerk</i>
Pinion, Mrs. Patsy .....	<i>Accounting Clerk</i>
Price, Mr. Phil .....	<i>Equipment Manager</i>
Ricketts, Mrs. Lisa .....	<i>Secretary, Mathematics and Psychology</i>
Saine, Ms. Laura .....	<i>Secretary to Director of Procurement</i>
Seabolt, Mrs. Delores .....	<i>Secretary to Assistant Commandant</i>
Sharp, Mrs. Hazel .....	<i>Secretary, Physical Education</i>
Shaw, Mrs. Geneva .....	<i>Secretary to Registrar</i>
Smith, Mrs. Iris .....	<i>Secretary to Bookstore Manager</i>
Smith, Mrs. Marylon .....	<i>Secretary, Modern Language</i>
Stephens, Mr. Jethro .....	<i>Grounds Supervisor</i>
Stowers, Mrs. Virginia .....	<i>Secretary to Director of Development</i>
Sutton, Mrs. Doris .....	<i>Secretary to Director of Placement and Testing</i>
Talmadge, Mr. Douglas .....	<i>Uniform Custodian and Inventory Clerk</i>
Tree, Ms. Joyce .....	<i>Secretary, Library</i>
VanAelst, Mrs. Betty .....	<i>Secretary, Special Education</i>
Vermillion, Mrs. Leron .....	<i>Secretary, Student Recruiting</i>
Walden, Ms. Elizabeth .....	<i>Secretary to Director of Plant Operations</i>
Walters, Ms. Mary Jo .....	<i>Accounting Clerk</i>
Wehunt, Mrs. Robbie .....	<i>Secretary, Biology, Chemistry and Physics</i>
West, Ms. Wilma .....	<i>Secretary, Military Department</i>
Wigley, Mrs. Wanda .....	<i>Secretary, Education Department</i>
Wigley, Mr. Marvin .....	<i>Inventory, Shipping and Receiving Clerk</i>

## COLLEGE STANDING COMMITTEES

ACADEMIC ACTIVITIES COMMITTEE	— Shott (Chairman), Buckhiester, Callaham, Clark, Colbert, Tom Davis, Dennis, Dobson, Ensley, Hill, Jackson, Kinkaid, Miller, Oliver, Owens, Patram, Sharp, Steffey, (Student Representative: Brad Stai)
ACADEMIC REVIEW COMMITTEE	— Shott (Chairman), Bellamy, Colbert, Martha Duval, Roberts, Steffey, Walter
ADMISSIONS COMMITTEE	— Steffey (Chairman), Bell, Dalton, Ewing, Fox, Pandres, Roberts
ATHLETIC COMMITTEE	— Armstrong, Brown, Clarkson, Coone, Dalton, Dykes, Ensley, Hinz, Hyams (Student Representative: Jody Cooley)
COMMITTEE ON FACULTY COMMITTEES	— Jackson (Chairman), Ellington, Roberts, Steffey
DISCIPLINE COMMITTEE	— Bickley, Brock, Crannell, Pearce, Richardson, Shott (Ex Officio), Steffey, (Student Representatives: Rob Fowler, Dennis Bottoms, Lindsey Cook, Susan Corry, Leslie Dudukovich, Chip Frierson, Stanley Gunter, Mark Harris, Jo Beth James, Deb Newby, Kelly Tribble, Alison West)
FACULTY EXECUTIVE COMMITTEE	— Buckhiester (Chairman), Dennis, Gaines, Jackson, Negley, Rensi
HEALTH COMMITTEE	— Burnham, Mary Duval, Dobbs, Gerspacher, Harvey, Hyams, Noble, Raber, LTC Smith, (Student Representative: Gaye Barr)
LIBRARY COMMITTEE	— August, Clark, Michael Davis, Hood, Negley, Oliver, Pearce, True, Wiggins, (Student Representative: Cliff Purcell)
GRADUATE COUNCIL	— Sorohan (Chairman), Buckhiester, Callaham, Dobson, Tom Davis, Ellington, Jackson, Parks, Kinkaid, Miller, Oliver, Raber, Sharp, Owens, Belden, Osborn, Wade, Clark (Ex Officio), Shott, (Ex Officio), Steffey (Ex Officio), Brock (At Large), Richardson (At Large)
MILITARY COMMITTEE	— Csomor, Tom Davis, Elder, Hyams, Col. Hill, (Student Representative: Cadet Brigade Commander)
PUBLICATIONS COMMITTEE	— Dalton, Conyers, Fitch, Willie Gordon, Paul McClure, Wade, (Editors of College Newspaper and College Yearbook)
STUDENT AID COMMITTEE	— Bresbrock, Bingham, Gerspacher, Harris, Howard, Hulsey, Hyams, Rensi, Shott

STUDENT HONORS COMMITTEE	— Michael Davis, Dobson, Martha Duval, Morgan, Osborn
STUDENT LIFE COMMITTEE	— Benton, Bridges, Ferguson, Col. Hill, Hinz, Hyams, Marett, McDonald, Mitchell, Therault, Faculty Advisor for SGA, (Student Representatives: Donna Hix, President, College Union; Brad Star, Vice President, SGA)
TEACHER EDUCATION COMMITTEE	— Sharp (Chairman), Belden, Brock, Ellington, Flesch, Henderson, McGahee, Osborn, Owens, Raber, Rensi, Roughead, Saba, Steele, Wheat, Wiggins, Woolfolk (Student Representative: Mary Phillips)
PARLIAMENTARIAN	— W. Guy Oliver
SECRETARY TO THE FACULTY	— William D. Bellamy

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# Here is your NORTH GEORGIA COLLEGE ENROLLMENT KIT

1. Fill out your Application, attach a recent photograph if available, and enclose your Application Fee of \$10.00.
2. Complete the Medical Form along with your physician, then fold and staple the entire application for mailing to the Director of Admissions, North Georgia College.
3. Request your Principal or Counselor to mail to the Director of Admissions a copy of your Transcript and official SAT scores. Transfer students should have their Registrar forward an official transcript.

Sophomore students and above transferring from another college need only to have their Registrar forward an official transcript. Students transferring with freshman standing must also submit a high school transcript.

High School Students with joint-enrolled college credits should apply as entering freshman and should request that their Registrar send an official transcript directly to North Georgia College.

(For High School Students Only)

## SCHOLASTIC CERTIFICATE

To The Principal or Counselor

Please complete this questionnaire concerning this student

STUDENT'S NAME \_\_\_\_\_

Please check the following information as it applies to this applicant

Applicant ranks ☐ exactly ☐ approximately \_\_\_\_\_ place in a graduating class of \_\_\_\_\_ students.

What is your estimate of this applicant's future success in college?

- ☐ Superior ☐ Above Average ☐ Average  
☐ May have some difficulty ☐ Little success

What is your personal recommendation regarding this applicant?

- ☐ Recommended for North Georgia College  
☐ Not recommended for North Georgia College  
☐ Prefer not to make a recommendation.

### COMMENTS

We will appreciate any statement concerning this applicant which will be of value to the Dean in his capacity as official adviser or in planning a course of study for the student.

Date \_\_\_\_\_ High School \_\_\_\_\_

Address of School \_\_\_\_\_

Name \_\_\_\_\_  
please print

Title \_\_\_\_\_

Signature \_\_\_\_\_

Please mail Certificate along with a current transcript and official SAT scores to:

Director of Admissions  
North Georgia College  
Dahlonega, Georgia 30597

Photo (optional)  
Please attach a recent photo of yourself. Its value is that you become more of a person to us as we read your materials. Send the photo later if you don't have one just now.

# APPLICATION FOR ADMISSION to NORTH GEORGIA COLLEGE Dahlonega, Georgia 30597

Do not write in this space

1	No	_____
2	Co	_____
3	St	_____
4	R	_____
5	H S	_____
6	Cl	_____

- 1 An application for admission must be submitted at least 20 days before the date of registration.
- 2 A fee of \$10.00 is charged students making application for admission to the college for the first time. This fee is not refundable and does not apply toward matriculation fees. Make check payable to North Georgia College.
- 3 Submit application and fee to the Director of Admissions, North Georgia College, Dahlonega, Georgia 30597.

## INSTRUCTIONS

This application is for the ☐ Summer Quarter 19- ☐ Winter Quarter 19-  
☐ Fall Quarter 19- ☐ Spring Quarter 19-

Social Security Number \_\_\_\_\_ Application Date \_\_\_\_\_

Full Legal Name \_\_\_\_\_  
(Last Name) (First) (Middle/Maiden)

Permanent Address of Student \_\_\_\_\_  
(Street or Box #) (City)

Area Code ( ) \_\_\_\_\_

(County)

(State)

(Zip Code)

(Home Phone Number)

Birth Date \_\_\_\_\_ Sex \_\_\_\_\_ Place of Birth \_\_\_\_\_ Race \_\_\_\_\_

Country of Citizenship \_\_\_\_\_ Resident of Georgia \_\_\_\_\_ If "Yes," how long? \_\_\_\_\_

Religious Pref \_\_\_\_\_ Marital Status S ☐ M ☐ Other ☐ Explain \_\_\_\_\_

Have you ever applied to North Georgia College before? \_\_\_\_\_ If "Yes", when? \_\_\_\_\_

Have you ever attended North Georgia College before? \_\_\_\_\_ If "Yes", when? \_\_\_\_\_

Have you ever attended any other college? \_\_\_\_\_ Academic Status Good Standing ☐

Other ☐ Explain \_\_\_\_\_

Please indicate the degree program you plan to pursue. Four Year ( ) Two Year ( )  
Non-Degree ( )

If you have decided on a major course of study indicate what it is \_\_\_\_\_

## Resident Hall Information

All students are required to room in dormitories unless they meet one or more of the criteria for commuter status as set forth in this catalog.

## Participation in ROTC

Participation in the Military Program is required for all men living in the dormitories. The program is optional for commuters. Women students may participate.

Do you plan to room in a Dormitory?

(Yes) (No)

If eligible, do you plan to commute? \_\_\_\_\_  
(Complete affidavit) (Yes) (No)

If eligible to commute, or if female, do you plan to participate in the Military Program? \_\_\_\_\_

(Yes) (No)

Name of school now attending \_\_\_\_\_

School Address \_\_\_\_\_  
(Street) (City) (State) (Zip Code)

Date you expect to graduate or graduated from high school \_\_\_\_\_

List other high schools, preparatory schools, and colleges you have attended

NAME OF SCHOOL	CITY AND STATE	DATES ATTENDED	DATE GRADUATED
_____	_____	19 ____ to 19 ____	_____
_____	_____	19 ____ to 19 ____	_____
_____	_____	19 ____ to 19 ____	_____

If you are now in high school list the courses you are taking, have taken, and will take in your senior year only. If any of these courses are to carry less than a full unit of credit, please indicate amount of credit.

Date you took the SAT-CEEB Test \_\_\_\_\_ Expect to take SAT-CEEB Test \_\_\_\_\_  
(Month) (Year) (Month) (Year)

Have you ever served in the Armed Forces? \_\_\_\_\_ Dates, Branch \_\_\_\_\_

Type Discharge \_\_\_\_\_

**FAMILY DATA** If you are *married*, provide the following information concerning husband/wife

Name \_\_\_\_\_ Occupation \_\_\_\_\_  
(First) (Middle Initial) (Last)

Address (If different from yours) \_\_\_\_\_  
(Street) (City) (State) (Zip Code) (County)

*Unmarried Applicants* provide information concerning both parents. Please indicate which is guardian

Father's Name \_\_\_\_\_ Occupation \_\_\_\_\_  
(First) (Middle Initial) (Last)

Address (If different from yours) \_\_\_\_\_  
(Street) (City) (State) (Zip Code) (County)

Mother's Name \_\_\_\_\_ Occupation \_\_\_\_\_  
(First) (Middle Initial) (Last)

Address (If different from yours) \_\_\_\_\_  
(Street) (City) (State) (Zip Code) (County)

If any of your immediate family have attended North Georgia College, provide the following information

NAME \_\_\_\_\_ Relationship \_\_\_\_\_  
\_\_\_\_\_ Relationship: \_\_\_\_\_

Have you ever been suspended or expelled from a school or college for disciplinary reasons? \_\_\_\_\_  
If the answer is "Yes" attach an explanation (Yes) (No)

Have you ever been arrested? \_\_\_\_\_ (Yes) (No)

If the answer is "Yes", attach an explanation

I certify that the information given on this application is complete and accurate. I understand that falsifying or withholding any part of this information can result in cancellation of admission and/or registration.

\_\_\_\_\_  
(Signature of Student)



# NORTH GEORGIA COLLEGE — MEDICAL REPORT

The Medical History Section of this report should be filled out by the applicant. The physician should complete the examination and return the form to the college. All questions must be answered. Positive answers in the Section A, "Disease History", should be evaluated by the physician. **Completion of this report is not a prerequisite for admission.**  
Check one ( ) Dorm Student ( ) Commuting Student

NAME \_\_\_\_\_  
(Last) (First) (Middle)

Home Address \_\_\_\_\_ Home Telephone \_\_\_\_\_

(City) (State) (Zip Code)

Date of Exam \_\_\_\_\_ Sex \_\_\_\_\_ Marital Status \_\_\_\_\_ Date of Birth \_\_\_\_\_

Section A "Disease History"—Have you had or do you now have

		Cured or Corrected				Cured or Corrected				Cured or Corrected			
Yes	No			Yes	No			Yes	No			Yes	No
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Scarlet Fever	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stomach, Liver or Intestinal Disease, etc	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ear, Nose or Throat Trouble (Acute, Chronic)		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Diphtheria			<input type="checkbox"/>	Hernia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Allergies		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Rheumatic Fever	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Nervous Disorder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Reaction to Drugs		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Measles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kidney Disease	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Appendicitis		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mumps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sugar or Albumin in Urine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Piles or Rectal Disease		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pneumonia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Skin Disease	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V.D. Syphilis Gonorrhea		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Epilepsy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asthma - If Yes, date of last attack _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Foot Trouble		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Polio	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Trick Knee, etc.		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Tuberculosis					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Arthritis		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Whooping Cough	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Malaria	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Measles		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sinus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Joint Trouble	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Typhoid Fever		

# NORTH GEORGIA COLLEGE ACTIVITIES REPORT

PLEASE PRINT

NAME (Mr or Miss) \_\_\_\_\_  
(Last) (First) (Middle)

Address \_\_\_\_\_  
Street, P O Box

\_\_\_\_\_  
(Town) (State) (Zip Code)

Please check the following items and indicate your experience in the activities listed

Band \_\_\_\_\_ No. of years \_\_\_\_\_ Instrument \_\_\_\_\_

Orchestra \_\_\_\_\_ No. of years \_\_\_\_\_ Instrument \_\_\_\_\_

Chorus \_\_\_\_\_ No. of years \_\_\_\_\_ Voice Part \_\_\_\_\_

Others (Piano, drum major, etc ) \_\_\_\_\_

High School or college Military Training \_\_\_\_\_ No. of years completed \_\_\_\_\_

Highest rank held \_\_\_\_\_ Where ? \_\_\_\_\_

Rifle Marksmanship \_\_\_\_\_ Debate \_\_\_\_\_ Dramatics \_\_\_\_\_

List any experience with high school or college publications \_\_\_\_\_

## Athletics

Soccer \_\_\_\_\_ No. of years \_\_\_\_\_ Position \_\_\_\_\_ Awards \_\_\_\_\_

Tennis \_\_\_\_\_ No. of years \_\_\_\_\_ Awards \_\_\_\_\_

Basketball \_\_\_\_\_ No. of years \_\_\_\_\_ Position \_\_\_\_\_ Awards \_\_\_\_\_

Women's Softball \_\_\_\_\_ No. of years \_\_\_\_\_ Position \_\_\_\_\_ Awards \_\_\_\_\_

Women's Volleyball \_\_\_\_\_ No. of years \_\_\_\_\_ Position \_\_\_\_\_ Awards \_\_\_\_\_

## FINANCIAL AID INFORMATION

If you will need financial assistance, please complete the following.

Name \_\_\_\_\_  
(Last) (First) (Middle)

\_\_\_\_\_  
(Street) (RFD) (P O Box)

Address \_\_\_\_\_  
(City) (State) (Zip Code)

Quarter Entering ☐ Summer ☐ Winter ☐ Spring Year \_\_\_\_\_

Do you expect to enter as a transfer student? \_\_\_\_\_  
(Yes) (No)

Are you a resident of Georgia \_\_\_\_\_ If yes, how long? \_\_\_\_\_

Do you want to room in dormitory? \_\_\_\_\_ Commute? \_\_\_\_\_

DO NOT WRITE  
IN THIS SPACE

Office use only

V	C
M	D
HSA	WL
PFAG	SC

# NORTH GEORGIA COLLEGE COMMUTER AFFIDAVIT

State of Georgia, County of \_\_\_\_\_

Personally appeared before the undersigned attesting officer authorized by law to administer oaths \_\_\_\_\_  
(Name of Affiant)

who first being duly sworn, on oath deposes and says as follows:

1. My name is \_\_\_\_\_ SS No. \_\_\_\_\_

2. I reside at \_\_\_\_\_

Telephone Number \_\_\_\_\_

3 I am ( ) a duly enrolled student at North Georgia College, NGC Box No. \_\_\_\_\_  
( ) an applicant for enrollment at North Georgia College for the \_\_\_\_\_

Quarter, 19 \_\_\_\_\_

4 This application is for the \_\_\_\_\_ Quarter, 19 \_\_\_\_\_

5. I will be a ( ) military ( ) non-military student; (check one)

6. I was born on \_\_\_\_\_

(date of birth)

7. I desire to attend North Georgia College as a commuting student and meet the requirement indicated below:

( ) (circle one) Living with parent, grandparent, husband or wife. Name and address of qualifying relative:

\_\_\_\_\_  
\_\_\_\_\_

and commuting daily from this residence;

- ( ) Holder of a baccalaureate degree;  
( ) Have completed 12 quarters in residence as a full-time student,  
( ) Have been honorably discharged from one of the armed services of the United States after having completed one full year of active duty  
( ) Over 23 years of age;

8. I will advise the office of the Dean of Students of any changes in the above listed address and of any changes within five days in my circumstances which will affect my authorization to attend North Georgia College as a commuting student.

This AFFIDAVIT is given for the purpose of assisting officials of North Georgia College in their determination of my eligibility to attend college as a commuting student.

\_\_\_\_\_  
Signature of Affiant

SWORN TO AND SUBSCRIBED BEFORE ME THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 19 \_\_\_\_\_

\_\_\_\_\_  
NOTARY PUBLIC

\*The AFFIANT should note before signing that any willfully false statements made herein may result in revocation of commuter status, disciplinary action as outline in the *Student Handbook* and prosecution for violation of Georgia Laws 1968, pp. 1249, 1310, which states that conviction of false swearing shall be punished by a fine of not more than \$1,000 or imprisonment for not less than one nor more than five years, or both.

.....  
FOR OFFICE USE ONLY:

Approved \_\_\_\_\_  
Date \_\_\_\_\_

Disapproved \_\_\_\_\_

Rev. 11/9/79

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or  
Staple  
before  
mailing



**-Important-  
Must Fold  
On Dotted Lines**



(Fold Entire Application)

Your Return Address

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



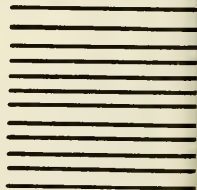
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DAHLONEGA, GEORGIA 30597



ATTN: Gary Steffey  
Director of Admissions

# CORRESPONDENCE DIRECTORY

- TO THE OFFICE OF THE PRESIDENT on matters of general policy.
- TO THE OFFICE OF THE DEAN concerning scholastic progress, the various educational programs, change of course, etc.
- TO THE DEAN OF STUDENTS on all matters pertaining to the overall general welfare of students.
- TO THE COMMANDANT AND PROFESSOR OF MILITARY SCIENCE on questions about military programs, ROTC matters, Corp Regulations, leaves of absence, and Cadet unit and dormitory assignments.
- TO THE DIRECTOR OF ADMISSIONS for questions about admission and requests for catalogs, application blanks, and other information.
- TO THE COMPTROLLER on matters related to the business interests of the College, payment of fees, etc.
- TO THE DIRECTOR OF STUDENT AID on matters pertaining to loans, scholarships, on-campus work, etc.

## How to Contact a Cadet or Coed by Telephone

A cadet may normally be reached at his residence hall by telephone (see telephone numbers below). A cadet may also be reached through the Assistant Commandant's Office, which has someone on duty twenty-four hours a day while the college is in session.

A coed may be reached at her residence hall telephone or through the Office of the Assistant Dean of Students.

## COMMANDANT'S OFFICE, 864-3392; 864-3391, Ext. 227

BARRACKS	LOCATION	UNIT	PAY PHONE	CAMPUS
Gaillard Hall	1st Floor West Wing	2Bn/BRR	864-9981-9906	277
	1st Floor East Wing	Echo	None	277
	2nd Floor West Wing	CG/HQ Staff	None	None
	2nd Floor East Wing	Echo/Delta	864-9936	329
	3rd Floor West Wing	Band	None	None
	3rd Floor East Wing	Delta	None	None
Simmons Hall	1st Floor	Charlie	864-9908	260
	2nd Floor	Bravo/1Bn	864-9993	261
	3rd Floor	Alfa/Bde	864-9942	278

## DEAN OF STUDENTS' OFFICE, 864-3391, EXT. 250, 267, or 318 WOMEN'S RESIDENCE HALLS

New Dorm	A Wing	864-9911	322
	B Wing	864-931	259
	C Wing	864-9905	272
Lewis Hall		864-9907	276
		864-9907	276
		864-9958	

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